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March 30, 2001

Ms. Annie Jarabek
Chemical Industry Institute of Toxicology (CIIT)
P.O. Box 12137, 6 Davis Drive
Research Triangle Park, NC 27709

Dear Annie:

Enclosed please find the statistical analysis documents for the effect study. In this package, we send you three sets of documents:

1. Independent t-test done by Bill Stiteler for the morphometric data in the final Argus report which including a summary table of group mean comparison (6 pages), and detailed results from the corresponding t-test (76 pages).
2. Regression analyses done by TERA of all statistically significant morphometric endpoints (determined by ANOVA analyses as reported in the final Argus report) in relationship to maternal dose, TSH, T4, T3, and T3/T4 ratio, and fetal TSH, T4, T3, and T3/T4 ratio. These regression analyses include: figures of dose-response curves (38 figures) with a summary of significant regression results and summary tables of our preliminary linear regression analyses (10 pages).
3. Bob's prior Excel program statistics (48 pages).

Several factors are worthy to be mentioned here. First, our regression analyses were based on group mean values instead of actual individual animal responses. As a result, the statistical power in our regression analyses is relatively low. However, as a way of examining the response trends, these results should present similar information as those derived from individual data. If necessary, we can conduct further regression analyses by using individual animal responses. Second, the linear regression analyses of dose responses were conducted by using untransformed experimental doses while the dose scale shown in the dose-response curves is \log_{10} transformed. Even for some dose-response curves that look likely to be log linear, such as left hippocampus and right frontal cortex in male rats on PND 22, linear regression analyses using \log_{10} doses did not show a statistical significance. These results may simply be related to dose but not linearly, or they may be due to chance. No further attempt was made to analyze

these log dose responses. Finally, Bob's statistical results are presented with the original measurement, and conclusions are indicated at the bottom of each page.

If you would have any questions regarding these documents, please feel free to contact either one of us at 513-542-7475.

Best regards.

A handwritten signature in black ink that reads "Jay Zhao". The signature is written in a cursive style with a large, sweeping "Z" and "H".

Jay Zhao
Toxicologist

A handwritten signature in black ink that reads "Michael Dourson". The signature is written in a cursive style with a large, sweeping "M" and "D".

Mike Dourson
Director

Bill Stiteler's statistics

6 page summary +
detailed results

Group Mean Comparison of Male Data by Using t-test:

		PND 10 Dose Groups (mg/kg-day)					PND 22 Dose Groups (mg/kg-day)				
		0	0.01	0.1	1.0	30.0	0	0.01	0.1	1.0	30.0
1	Brain Weight (g)	1.10	1.08	1.09	1.12	1.15	1.78	1.81	1.81	1.83	1.80
			0.506	0.684	0.666	0.325		0.240	0.122	0.008	0.306
2	Ant/Post Cerebrum (mm)	11.9	12.0	12.0	12.2	12.1	14.3	14.4	14.4	14.4	14.4
			0.584	0.642	0.049	0.119		0.407	0.160	0.273	0.163
3	Ant/Post Cerebellum (mm)	4.9	4.9	4.8	5.0	4.9	7.0	7.0	7.0	7.1	6.9
			0.932	0.370	0.513	0.916		0.902	0.596	0.506	0.639
4	R Frontal Cortex (μ)	1082	1142	1145	1224	1131	1815	1840	1866	1858	1904
			0.242	0.139	0.001	0.216		0.423	0.056	0.088	0.008
5	L Frontal Cortex (μ)	1114	1150	1137	1247	1155	1767	1797	1869	1828	1839
			0.458	0.587	<0.001	0.369		0.310	0.002	0.014	0.005
6	R Parietal Cortex (μ)	1272	1289	1329	1380	1328	1835	1839	1883	1860	1908
			0.702 ^s	0.246 ^s	<0.001	0.086		0.877	0.066	0.269	0.010
7	L Parietal Cortex	1285	1275	1322	1398	1306	1775	1812	1854	1815	1832
			0.836	0.476	0.004	0.658		0.195	0.001	0.036 ^s	0.009

	(μ)										
8	R Striatum (μ)	2001	1956	1975	2078	2038	2820	2784	2893	2832	2967
			0.460	0.641	0.145 ^S	0.481		0.563	0.114	0.828	0.013
9	L Striatum (μ)	2002	1958	1985	2104	2040	2862	2802	2810	2814	2949
			0.363	0.712	0.019	0.448		0.296	0.249	0.365	0.098
10	R Corpus Callosum (μ)	307	293	383	374	347	224	211	218	207	213
			0.356	0.010 ^S	<0.001	0.030		0.408	0.685	0.241	0.462
11	L Corpus Callosum (μ)	316	290	381	391	350	233	212	217	197	221
			0.120	0.024	<0.001	0.088		0.235 ^S	0.405	0.053	0.517
12	R Hippocampus (μ)	926	927	936	1005	949	1397	1426	1422	1422	1472
			0.957	0.743	0.018	0.434		0.335	0.320	0.357	0.014
13	L Hippocampus (μ)	927	924	914	950	949	1365	1404	1434	1443	1443
			0.909 ^S	0.537	0.332	0.437		0.191	0.018	0.013	0.033
14	R Dentate (μ)	449	468	447	494	456	792	807	811	818	843
			0.365	0.941	0.048	0.719		0.447	0.276	0.213	0.021
15	L Dentate (μ)	453	470	445	474	475	776	805	816	814	809
			0.373	0.663	0.218	0.284 ^S		0.127	0.020	0.057	0.184
16	R CA1 (μ)	468	451	482	507	491	596	588	595	584	605
			0.319	0.359	0.016	0.169		0.740	0.988 ^S	0.569 ^S	0.659 ^S

17	L CA 1 (μ)	473	444	460	471	466	564	581	600	587	593
			0.173	0.453 ^S	0.900 ^S	0.687		0.180	0.002	0.041	0.016
18	R CA3 (μ)	291	297	279	321	296	456	476	429	458	465
			0.710	0.473	0.109	0.754		0.223	0.090	0.911	0.498
19	L CA3 (μ)	274	285	271	282	304	485	483	448	471	497
			0.387	0.752	0.391	0.013		0.916	0.005	0.210	0.291
20	Cerebellum (μ)	2822	2685	2904	2829	2921	4479	4962	4947	4881	4635
			0.141	0.429	0.926	0.348		<0.001	<0.001	<0.001	0.043
21	External Germin al Layer (μ)	36	36	37	38	40	---	---	---	---	---
			0.966	0.804	0.215	0.079					
22	R Corpus Callosa #2 (μ)	---	---	---	---	---	188	259	257	253	217
								<0.001 ^S	0.016 ^S	0.002 ^S	0.028 ^S
23	L Corpus Callosa #2 (μ)	---	---	---	---	---	190	254	250	242	214
								<0.001 ^S	0.020 ^S	0.007 ^S	0.074 ^S

Values in blue are significantly lower than control group; values in red are significantly higher than control group.

^S Indicates variances not equal and Satterthwaite approximation for degrees of freedom were used.

Group Mean Comparison of Female Data by Using t-test:

		PND 10 Dose Groups (mg/kg-day)					PND 22 Dose Groups (mg/kg-day)				
		0	0.01	0.1	1.0	30.0	0	0.01	0.1	1.0	30.0
1	Brain Weight (g)	1.10	1.06	1.02	1.09	1.08	1.70	1.71	1.75	1.76	1.75
			0.365	0.065	0.765	0.585		0.966 ^S	0.175	0.014	0.127
2	Ant/Post Cerebrum (mm)	12.1	11.8	11.7	12.1	12.1	14.0	14.2	14.3	14.3	14.1
			0.130	0.030	0.733	0.955		0.272	0.059	0.023	0.505
3	Ant/Post Cerebellum (mm)	5.1	4.9	4.9	5.0	4.9	6.9	7.1	6.9	7.0	6.9
			0.296	0.405	0.440	0.204		0.076	0.618	0.432	0.869 ^S
4	R Frontal Cortex (μ)	1134	1170	1123	1261	1147	1877	1818	1811	1824	1883
			0.395	0.799	0.010	0.755		0.053	0.055	0.089	0.863
5	L Frontal Cortex (μ)	1155	1150	1142	1246	1197	1848	1794	1797	1845	1841
			0.905	0.787	0.057	0.360		0.066	0.105	0.926	0.839
6	R Parietal Cortex (μ)	1332	1325	1280	1400	1357	1854	1805	1827	1824	1872
			0.853	0.212	0.145	0.606		0.084	0.367	0.291	0.566
7	L Parietal Cortex	1319	1319	1274	1406	1336	1833	1796	1821	1821	1824
			1.000	0.292	0.053	0.710		0.253	0.670 ^S	0.727	0.797

	(μ)										
8	R Striatum (μ)	1983	1931	1858	2074	1995	2991	2685	2749	2790	3099
			0.311	0.026	0.095	0.771 ^s		<0.001	<0.001	<0.001	0.018
9	L Striatum (μ)	1979	1942	1859	2070	2045	2985	2661	2733	2784	3009
			0.367	0.016	0.059	0.086		<0.001 ^s	<0.001	<0.001	0.587 ^s
10	R Corpus Callosum (μ)	338	313	289	327	291	218	185	232	217	242
			0.206	0.013	0.628	0.029		0.012	0.309	0.881	0.162
11	L Corpus Callosum (μ)	343	308	292	324	298	220	179	236	217	256
			0.108	0.007	0.407	0.036		0.005	0.284	0.837	0.059
12	R Hippocampus (μ)	997	950	895	946	938	1403	1370	1354	1410	1415
			0.130	0.006	0.159	0.078		0.304	0.103	0.815	0.699
13	L Hippocampus (μ)	947	912	859	910	922	1398	1371	1379	1438	1400
			0.196	0.006	0.205	0.368		0.402	0.597	0.194	0.967
14	R Dentate (μ)	472	460	434	478	458	803	792	778	798	816
			0.659	0.145	0.805	0.571		0.563	0.130	0.792	0.429
15	L Dentate (μ)	467	456	434	466	461	782	790	795	824	811
			0.623	0.202	0.940	0.791		0.672	0.575	0.044 ^s	0.203
16	R CA1 (μ)	510	474	460	469	475	597	585	578	586	590
			0.039	0.007	0.025	0.031		0.419	0.218	0.470	0.624

17	L CA 1 (μ)	469	444	427	437	453	613	570	578	588	592
			0.026	0.001	0.006	0.199		0.005	0.015	0.086	0.194
18	R CA3 (μ)	312	300	284	291	291	464	437	414	453	461
			0.496	0.171	0.294	0.287		0.088	0.001	0.463	0.836
19	L CA3 (μ)	275	272	266	267	283	483	450	429	454	498
			0.777	0.553	0.549	0.646		0.121	0.014	0.139 ^s	0.514
20	Cerebellum (μ)	2838	2653	2633	2691	2848	4962	4962	4842	5028	4746
			0.074	0.058	0.136	0.918		0.003	0.116	<0.001	0.502
21	External Germin al Layer (μ)	39	33	35	38	36	---	---	---	---	---
			0.002	0.005	0.578	0.163					
22	R Corpus Callosa #2 (μ)	---	---	---	---	---	193	216	279	226	208
								0.116 ^s	0.006 ^s	0.004	0.104
23	L Corpus Callosa #2 (μ)	---	---	---	---	---	193	216	272	226	211
								0.133 ^s	0.006 ^s	0.009	0.048

Values in blue are significantly lower than control group; values in red are significantly higher than control group.

^s Indicates variances not equal and Satterthwaite approximation for degrees of freedom were used.

Comparison of Groups I and II

-----sex=F day=10-----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL Mean	Upper CL Std Dev	Lower CL Std Dev	Upper CL Std Dev	Std Err
			Mean	Mean	Mean	Std Dev					
v1	I	16	1.0378	1.1035	1.1692	0.0911	0.1233	0.1908	0.0308		
v1	II	16	0.9942	1.0626	1.1309	0.0948	0.1283	0.1986	0.0321		
v1	Diff (1-2)		-0.05	0.0409	0.1318	0.1005	0.1258	0.1682	0.0445		
v2	I	16	11.808	12.131	12.455	0.4487	0.6074	0.9401	0.1519		
v2	II	16	11.559	11.825	12.091	0.3684	0.4987	0.7718	0.1247		
v2	Diff (1-2)		-0.095	0.3063	0.7075	0.4441	0.5557	0.7428	0.1965		
v3	I	16	4.8311	5.0813	5.3314	0.3467	0.4694	0.7264	0.1173		
v3	II	16	4.6368	4.9	5.1632	0.3649	0.494	0.7645	0.1235		
v3	Diff (1-2)		-0.167	0.1812	0.5291	0.385	0.4818	0.644	0.1703		
v4	I	16	1067.9	1134	1200.1	91.666	124.09	192.05	31.023		
v4	II	16	1110.7	1170	1229.3	82.269	111.37	172.37	27.842		
v4	Diff (1-2)		-121.1	-36	49.131	94.217	117.9	157.6	41.685		
v5	I	15	1088	1155.2	1222.4	88.82	121.32	191.33	31.324		
v5	II	16	1099.7	1150.5	1201.3	70.462	95.386	147.63	23.846		
v5	Diff (1-2)		-75.19	4.7	84.585	86.554	108.68	146.1	39.059		
v6	I	16	1266.8	1332	1397.2	90.4	122.38	189.4	30.594		
v6	II	16	1269.2	1324.5	1379.8	76.657	103.77	160.61	25.943		
v6	Diff (1-2)		-74.42	7.5	89.422	90.665	113.46	151.65	40.113		
v7	I	16	1257.9	1318.5	1379.1	84.026	113.75	176.05	28.437		
v7	II	16	1271.2	1318.5	1365.8	65.531	88.711	137.3	22.178		
v7	Diff (1-2)		-73.65	0	73.649	81.509	102	136.34	36.062		
v8	I	16	1905.3	1983	2060.7	107.72	145.82	225.69	36.455		
v8	II	16	1854.6	1930.5	2006.4	105.18	142.38	220.36	35.596		
v8	Diff (1-2)		-51.56	52.5	156.56	115.16	144.11	192.63	50.951		
v9	I	16	1919.6	1978.5	2037.4	81.622	110.49	171.01	27.623		
v9	II	16	1883	1942.5	2002	82.516	111.7	172.88	27.926		
v9	Diff (1-2)		-44.22	36	116.22	88.781	111.1	148.5	39.28		
v10	I	16	310.18	337.88	365.57	38.398	51.981	80.45	12.995		
v10	II	16	281.77	312.69	343.6	42.858	58.018	89.794	14.505		
v10	Diff (1-2)		-14.58	25.188	64.96	44.017	55.082	73.627	19.474		

v11	I	15	313.07	343.07	373.07	39.663	54.175	85.439	13.988
v11	II	16	275.62	308.44	341.25	45.488	61.578	95.304	15.395
v11	Diff (1-2)		-8.093	34.629	77.352	46.289	58.122	78.134	20.889
v12	I	15	943.91	996.8	1049.7	69.928	95.513	150.63	24.661
v12	II	16	910.72	949.5	988.28	53.762	72.779	112.64	18.195
v12	Diff (1-2)		-14.83	47.3	109.43	67.313	84.521	113.62	30.377
v13	I	15	908.99	947.2	985.41	50.52	69.004	108.83	17.817
v13	II	16	870.23	912	953.77	57.902	78.384	121.31	19.596
v13	Diff (1-2)		-19.2	35.2	89.597	58.938	74.004	99.485	26.597
v14	I	15	428.59	472	515.41	57.387	78.384	123.62	20.239
v14	II	16	425.8	460.5	495.2	48.106	65.121	100.79	16.28
v14	Diff (1-2)		-41.3	11.5	64.299	57.206	71.83	96.563	25.816
v15	I	15	431.02	467.2	503.38	47.829	65.329	103.03	16.868
v15	II	16	423.99	456	488.01	44.381	60.08	92.985	15.02
v15	Diff (1-2)		-34.86	11.2	57.265	49.91	62.669	84.247	22.523
v16	I	15	482.67	510.4	538.13	36.657	50.07	78.965	12.928
v16	II	16	450.89	474	497.11	32.043	43.377	67.135	10.844

Comparison of Groups I and II

----- sex=F day=10 -----

The TTEST Procedure

Statistics

Variable Class	N	Lower CL		Upper CL		Mean	Std Dev	Std Dev	Std Dev	Std Err
		Mean	Mean	Mean	Mean					
v16	Diff (1-2)	2.0526	36.4	70.747	37.214	46.728	62.817	16.794		
v17	I	15	453.02	468.8	484.58	20.861	28.494	44.937	7.357	
v17	II	16	427.82	444	460.18	22.426	30.358	46.985	7.5895	
v17	Diff (1-2)	3.1361	24.8	46.464	23.472	29.473	39.62	10.592		
v18	I	15	282.71	312	341.29	38.725	52.893	83.418	13.657	
v18	II	16	276.65	300	323.35	32.368	43.818	67.816	10.954	
v18	Diff (1-2)	-23.59	12	47.585	38.556	48.412	65.081	17.399		
v19	I	15	255.19	275.2	295.21	26.454	36.133	56.985	9.3295	
v19	II	16	252.41	271.5	290.59	26.47	35.833	55.458	8.9582	
v19	Diff (1-2)	-22.75	3.7	30.146	28.653	35.978	48.366	12.93		
v20	I	16	2688.6	2838	2987.4	207.11	280.37	433.92	70.091	
v20	II	15	2500.6	2652.8	2805	201.2	274.82	433.42	70.959	
v20	Diff (1-2)	-18.93	185.2	389.33	221.16	277.7	373.32	99.806		

v21	I	16	36.316	38.625	40.934	3.2015	4.334	6.7077	1.0835
v21	II	16	29.932	32.813	35.693	3.9937	5.4064	8.3674	1.3516
v21	Diff (1-2)		2.2747	5.8125	9.3503	3.9153	4.8996	6.5492	1.7323
v22	I	0	.	.	.	.	.	.	.
v22	II	0	.	.	.	.	.	.	.
v22	Diff (1-2)		.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	II	0	.	.	.	.	.	.	.
v23	Diff (1-2)		.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	0.92	0.3647
v1	Satterthwaite	Unequal	30	0.92	0.3647
v2	Pooled	Equal	30	1.56	0.1295
v2	Satterthwaite	Unequal	28.9	1.56	0.1299
v3	Pooled	Equal	30	1.06	0.2958
v3	Satterthwaite	Unequal	29.9	1.06	0.2958
v4	Pooled	Equal	30	-0.86	0.3946
v4	Satterthwaite	Unequal	29.7	-0.86	0.3947
v5	Pooled	Equal	29	0.12	0.9051
v5	Satterthwaite	Unequal	26.6	0.12	0.9059
v6	Pooled	Equal	30	0.19	0.8529
v6	Satterthwaite	Unequal	29.2	0.19	0.8530
v7	Pooled	Equal	30	0.00	1.0000
v7	Satterthwaite	Unequal	28.3	0.00	1.0000
v8	Pooled	Equal	30	1.03	0.3111
v8	Satterthwaite	Unequal	30	1.03	0.3111
v9	Pooled	Equal	30	0.92	0.3667
v9	Satterthwaite	Unequal	30	0.92	0.3667
v10	Pooled	Equal	30	1.29	0.2058

Comparison of Groups I and II

----- sex=F day=10 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	29.6	1.29	0.2059
v11	Pooled	Equal	29	1.66	0.1081
v11	Satterthwaite	Unequal	28.9	1.66	0.1068
v12	Pooled	Equal	29	1.56	0.1303
v12	Satterthwaite	Unequal	26.2	1.54	0.1348
v13	Pooled	Equal	29	1.32	0.1960
v13	Satterthwaite	Unequal	28.9	1.33	0.1942
v14	Pooled	Equal	29	0.45	0.6593
v14	Satterthwaite	Unequal	27.3	0.44	0.6614
v15	Pooled	Equal	29	0.50	0.6227
v15	Satterthwaite	Unequal	28.4	0.50	0.6238
v16	Pooled	Equal	29	2.17	0.0386
v16	Satterthwaite	Unequal	27.8	2.16	0.0398
v17	Pooled	Equal	29	2.34	0.0263
v17	Satterthwaite	Unequal	29	2.35	0.0260
v18	Pooled	Equal	29	0.69	0.4959
v18	Satterthwaite	Unequal	27.3	0.69	0.4989
v19	Pooled	Equal	29	0.29	0.7768
v19	Satterthwaite	Unequal	28.8	0.29	0.7769
v20	Pooled	Equal	29	1.86	0.0737
v20	Satterthwaite	Unequal	28.9	1.86	0.0735
v21	Pooled	Equal	30	3.36	0.0022
v21	Satterthwaite	Unequal	28.6	3.36	0.0022
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	15	1.08	0.8790
v2	Folded F	15	15	1.48	0.4538
v3	Folded F	15	15	1.11	0.8457
v4	Folded F	15	15	1.24	0.6807
v5	Folded F	14	15	1.62	0.3660

v6	Folded F	15	15	1.39	0.5309
v7	Folded F	15	15	1.64	0.3461
v8	Folded F	15	15	1.05	0.9276
v9	Folded F	15	15	1.02	0.9669
v10	Folded F	15	15	1.25	0.6758
v11	Folded F	15	14	1.29	0.6371
v12	Folded F	14	15	1.72	0.3077
v13	Folded F	15	14	1.29	0.6389
v14	Folded F	14	15	1.45	0.4846
v15	Folded F	14	15	1.18	0.7493

Comparison of Groups I and II

----- sex=F day=10 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	14	15	1.33	0.5873
v17	Folded F	15	14	1.14	0.8175
v18	Folded F	14	15	1.46	0.4779
v19	Folded F	14	15	1.02	0.9702
v20	Folded F	15	14	1.04	0.9453
v21	Folded F	15	15	1.56	0.4016
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and II

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean				
v1	I	16	1.6625	1.7031	1.7438	0.0564	0.0763	0.1181	0.0191	
v1	II	16	1.6206	1.705	1.7894	0.1171	0.1585	0.2453	0.0396	

v1	Diff (1-2)		-0.092	-0.002	0.0879	0.0994	0.1244	0.1663	0.044
v2	I	16	13.854	14.031	14.208	0.2453	0.3321	0.514	0.083
v2	II	16	13.997	14.156	14.315	0.2207	0.2988	0.4625	0.0747
v2	Diff (1-2)		-0.353	-0.125	0.1031	0.2524	0.3159	0.4223	0.1117
v3	I	16	6.7363	6.8938	7.0512	0.2183	0.2955	0.4573	0.0739
v3	II	16	6.946	7.0625	7.179	0.1616	0.2187	0.3385	0.0547
v3	Diff (1-2)		-0.356	-0.169	0.0189	0.2077	0.2599	0.3474	0.0919
v4	I	16	1827.7	1876.5	1925.3	67.655	91.586	141.75	22.897
v4	II	16	1779.9	1818	1856.1	52.791	71.465	110.61	17.866
v4	Diff (1-2)		-0.812	58.5	117.81	65.642	82.144	109.8	29.042
v5	I	16	1799.5	1848	1896.5	67.277	91.074	140.95	22.768
v5	II	16	1758.3	1794	1829.7	49.514	67.028	103.74	16.757
v5	Diff (1-2)		-3.735	54	111.74	63.897	79.96	106.88	28.27
v6	I	16	1811.6	1854	1896.4	58.8	79.599	123.19	19.9
v6	II	16	1763.5	1804.5	1845.5	56.887	77.009	119.19	19.252
v6	Diff (1-2)		-7.047	49.5	106.05	62.582	78.315	104.68	27.688
v7	I	16	1780.8	1833	1885.2	72.342	97.931	151.57	24.483
v7	II	16	1754	1796.3	1838.5	58.597	79.323	122.77	19.831
v7	Diff (1-2)		-27.59	36.75	101.09	71.212	89.114	119.12	31.507
v8	I	16	2918.8	2991	3063.2	100.05	135.45	209.63	33.861
v8	II	16	2620.7	2685	2749.3	89.204	120.76	186.9	30.189
v8	Diff (1-2)		213.35	306	398.65	102.54	128.31	171.51	45.365
v9	I	16	2902.9	2985	3067.1	113.77	154.02	238.37	38.505
v9	II	16	2613.4	2661	2708.6	65.979	89.317	138.24	22.329
v9	Diff (1-2)		233.1	324	414.9	100.6	125.9	168.28	44.511
v10	I	16	197.53	218.38	239.22	28.891	39.11	60.53	9.7775
v10	II	16	169.59	185.44	201.29	21.975	29.748	46.04	7.4369
v10	Diff (1-2)		7.8494	32.938	58.026	27.766	34.746	46.444	12.284
v11	I	16	195.95	220.19	244.42	33.596	45.48	70.389	11.37
v11	II	16	163.53	178.88	194.22	21.27	28.793	44.563	7.1983
v11	Diff (1-2)		13.83	41.313	68.795	30.416	38.062	50.877	13.457
v12	I	16	1350.7	1402.5	1454.3	71.788	97.18	150.41	24.295
v12	II	16	1326.6	1369.5	1412.4	59.498	80.543	124.66	20.136
v12	Diff (1-2)		-31.44	33	97.443	71.321	89.25	119.3	31.555
v13	I	15	1341.7	1398.4	1455.1	74.98	102.41	161.52	26.443
v13	II	15	1332.7	1371.2	1409.7	50.955	69.598	109.76	17.97
v13	Diff (1-2)		-38.29	27.2	92.69	69.484	87.557	118.42	31.971
v14	I	16	775.69	802.5	829.31	37.171	50.319	77.878	12.58
v14	II	16	764.77	792	819.23	37.748	51.1	79.087	12.775
v14	Diff (1-2)		-26.12	10.5	47.116	40.524	50.711	67.784	17.929
v15	I	16	744.44	781.5	818.56	51.371	69.541	107.63	17.385

v15	II	15	767.13	790.4	813.67	30.77	42.029	66.283	10.852
v15	Diff (1-2)		-51.47	-8.9	33.67	46.124	57.915	77.856	20.814
v16	I	16	571.48	597	622.52	35.384	47.9	74.134	11.975
v16	II	16	566.99	585	603.01	24.968	33.799	52.311	8.4499

Comparison of Groups I and II

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev				
v16	Diff (1-2)		-17.93	12	41.932	33.126	41.454	55.41	14.656	
v17	I	15	589.85	612.8	635.75	30.337	41.437	65.35	10.699	
v17	II	15	549.84	569.6	589.36	26.118	35.675	56.263	9.2112	
v17	Diff (1-2)		14.281	43.2	72.119	30.682	38.663	52.29	14.118	
v18	I	16	439.36	463.5	487.64	33.463	45.299	70.109	11.325	
v18	II	16	414.49	436.5	458.51	30.515	41.309	63.933	10.327	
v18	Diff (1-2)		-4.301	27	58.301	34.641	43.35	57.944	15.326	
v19	I	16	446.87	483	519.13	50.093	67.812	104.95	16.953	
v19	II	15	424.25	449.6	474.95	33.515	45.777	72.195	11.82	
v19	Diff (1-2)		-9.398	33.4	76.198	46.371	58.225	78.272	20.926	
v20	I	16	4554.9	4692	4829.1	190.07	257.3	398.22	64.324	
v20	II	16	4849.2	4962	5074.8	156.38	211.69	327.63	52.923	
v20	Diff (1-2)		-440.1	-270	-99.88	188.27	235.6	314.92	83.297	
v21	I	0	.	.	.	.	.	.	.
v21	II	0	.	.	.	.	.	.	.
v21	Diff (1-2)		.	.	.	.	.	.	.
v22	I	16	178.67	192.69	206.7	19.426	26.298	40.701	6.5744	
v22	II	16	189.06	215.94	242.82	37.263	50.444	78.072	12.611	
v22	Diff (1-2)		-52.29	-23.25	5.7948	32.145	40.225	53.768	14.222	
v23	I	16	176.97	192.63	208.28	21.696	29.371	45.457	7.3427	
v23	II	16	188.07	216	243.93	38.722	52.419	81.128	13.105	
v23	Diff (1-2)		-54.05	-23.38	7.3032	33.952	42.488	56.792	15.022	

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	-0.04	0.9663
v1	Satterthwaite	Unequal	21.6	-0.04	0.9664
v2	Pooled	Equal	30	-1.12	0.2719
v2	Satterthwaite	Unequal	29.7	-1.12	0.2720
v3	Pooled	Equal	30	-1.84	0.0762
v3	Satterthwaite	Unequal	27.6	-1.84	0.0771
v4	Pooled	Equal	30	2.01	0.0530
v4	Satterthwaite	Unequal	28.3	2.01	0.0536
v5	Pooled	Equal	30	1.91	0.0657
v5	Satterthwaite	Unequal	27.6	1.91	0.0666
v6	Pooled	Equal	30	1.79	0.0839
v6	Satterthwaite	Unequal	30	1.79	0.0839
v7	Pooled	Equal	30	1.17	0.2526
v7	Satterthwaite	Unequal	28.8	1.17	0.2530
v8	Pooled	Equal	30	6.75	<.0001
v8	Satterthwaite	Unequal	29.6	6.75	<.0001
v9	Pooled	Equal	30	7.28	<.0001
v9	Satterthwaite	Unequal	24.1	7.28	<.0001
v10	Pooled	Equal	30	2.68	0.0118

Comparison of Groups I and II

----- sex=F day=22 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	28	2.68	0.0122
v11	Pooled	Equal	30	3.07	0.0045
v11	Satterthwaite	Unequal	25.4	3.07	0.0050
v12	Pooled	Equal	30	1.05	0.3040
v12	Satterthwaite	Unequal	29	1.05	0.3043
v13	Pooled	Equal	28	0.85	0.4021
v13	Satterthwaite	Unequal	24.7	0.85	0.4031
v14	Pooled	Equal	30	0.59	0.5625
v14	Satterthwaite	Unequal	30	0.59	0.5625
v15	Pooled	Equal	29	-0.43	0.6721

v15	Satterthwaite	Unequal	24.9	-0.43	0.6678
v16	Pooled	Equal	30	0.82	0.4194
v16	Satterthwaite	Unequal	27	0.82	0.4201
v17	Pooled	Equal	28	3.06	0.0048
v17	Satterthwaite	Unequal	27.4	3.06	0.0049
v18	Pooled	Equal	30	1.76	0.0883
v18	Satterthwaite	Unequal	29.7	1.76	0.0884
v19	Pooled	Equal	29	1.60	0.1213
v19	Satterthwaite	Unequal	26.4	1.62	0.1179
v20	Pooled	Equal	30	-3.24	0.0029
v20	Satterthwaite	Unequal	28.9	-3.24	0.0030
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	30	-1.63	0.1125
v22	Satterthwaite	Unequal	22.6	-1.63	0.1159
v23	Pooled	Equal	30	-1.56	0.1302
v23	Satterthwaite	Unequal	23.6	-1.56	0.1330

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	15	4.31	0.0075
v2	Folded F	15	15	1.24	0.6878
v3	Folded F	15	15	1.82	0.2554
v4	Folded F	15	15	1.64	0.3471
v5	Folded F	15	15	1.85	0.2465
v6	Folded F	15	15	1.07	0.8997
v7	Folded F	15	15	1.52	0.4238
v8	Folded F	15	15	1.26	0.6623
v9	Folded F	15	15	2.97	0.0426
v10	Folded F	15	15	1.73	0.3002
v11	Folded F	15	15	2.49	0.0868
v12	Folded F	15	15	1.46	0.4757
v13	Folded F	14	14	2.17	0.1606
v14	Folded F	15	15	1.03	0.9532
v15	Folded F	15	14	2.74	0.0672

Comparison of Groups I and II

----- sex=F day=22 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	15	2.01	0.1884
v17	Folded F	14	14	1.35	0.5828
v18	Folded F	15	15	1.20	0.7256
v19	Folded F	15	14	2.19	0.1500
v20	Folded F	15	15	1.48	0.4588
v21	Folded F	0	0	.	.
v22	Folded F	15	15	3.68	0.0163
v23	Folded F	15	15	3.19	0.0316

Comparison of Groups I and II

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL Mean	Upper CL Mean	Lower CL Std Dev	Upper CL Std Dev	Lower CL Std Dev	Upper CL Std Err
			Mean	Mean	Mean	Mean						
v1	I	14	1.0419	1.1041	1.1664	0.0782	0.1079	0.1738	0.0288			
v1	II	14	1.0127	1.0764	1.14	0.08	0.1103	0.1777	0.0295			
v1	Diff (1-2)		-0.057	0.0278	0.1125	0.0859	0.1091	0.1495	0.0412			
v2	I	14	11.605	11.879	12.152	0.3438	0.4742	0.764	0.1267			
v2	II	14	11.67	11.986	12.301	0.3959	0.5461	0.8798	0.146			
v2	Diff (1-2)		-0.504	-0.107	0.2902	0.4028	0.5114	0.7009	0.1933			
v3	I	14	4.7372	4.9286	5.12	0.2403	0.3315	0.5341	0.0886			
v3	II	14	4.6097	4.9143	5.2188	0.3824	0.5275	0.8498	0.141			
v3	Diff (1-2)		-0.328	0.0143	0.3565	0.3469	0.4405	0.6037	0.1665			
v4	I	14	1021.8	1081.7	1141.6	75.212	103.75	167.14	27.728			
v4	II	14	1051.6	1141.7	1231.8	113.11	156.03	251.36	41.7			
v4	Diff (1-2)		-162.9	-60	42.934	104.34	132.49	181.57	50.077			
v5	I	14	1054.8	1114.3	1173.8	74.669	103	165.93	27.527			
v5	II	14	1066	1150.3	1234.6	105.83	145.98	235.17	39.014			
v5	Diff (1-2)		-134.1	-36	62.146	99.485	126.33	173.12	47.747			

v6	I	14	1228.5	1272	1315.5	54.595	75.309	121.33	20.127
v6	II	14	1204.2	1289.1	1374.1	106.69	147.17	237.1	39.334
v6	Diff (1-2)		-108	-17.14	73.679	92.061	116.9	160.2	44.184
v7	I	13	1212	1284.9	1357.8	86.512	120.64	199.15	33.461
v7	II	14	1208.9	1275.4	1342	83.542	115.24	185.65	30.798
v7	Diff (1-2)		-84	9.4945	102.99	92.435	117.86	162.7	45.397
v8	I	13	1900.3	2001.2	2102.2	119.76	167.01	275.69	46.32
v8	II	14	1871.7	1956	2040.3	105.89	146.06	235.31	39.037
v8	Diff (1-2)		-78.89	45.231	169.35	122.71	156.47	215.99	60.265
v9	I	14	1925.1	2002.3	2079.5	96.924	133.7	215.39	35.732
v9	II	14	1888	1957.7	2027.5	87.585	120.81	194.64	32.289
v9	Diff (1-2)		-54.42	44.571	143.57	100.34	127.42	174.62	48.16
v10	I	13	285.49	307.31	329.13	25.895	36.112	59.611	10.016
v10	II	13	269.06	293.23	317.4	28.685	40.002	66.033	11.095
v10	Diff (1-2)		-16.77	14.077	44.925	29.755	38.107	53.012	14.947
v11	I	14	288.28	316.29	344.29	35.167	48.509	78.15	12.965
v11	II	13	267.53	289.54	311.55	26.12	36.425	60.128	10.102
v11	Diff (1-2)		-7.469	26.747	60.963	33.828	43.133	59.542	16.613
v12	I	14	875.98	925.71	975.44	62.44	86.13	138.76	23.019
v12	II	14	880.48	927.43	974.38	58.946	81.31	130.99	21.731
v12	Diff (1-2)		-66.78	-1.714	63.356	65.958	83.755	114.78	31.656
v13	I	14	896.87	927.43	957.99	38.367	52.923	85.262	14.144
v13	II	14	867.84	924	980.16	70.51	97.261	156.69	25.994
v13	Diff (1-2)		-57.4	3.4286	64.258	61.659	78.296	107.3	29.593
v14	I	14	420.16	449.14	478.12	36.387	50.192	80.861	13.414
v14	II	14	434.61	468	501.39	41.93	57.838	93.179	15.458
v14	Diff (1-2)		-60.93	-18.86	23.213	42.644	54.15	74.209	20.467
v15	I	14	431.62	452.57	473.52	26.305	36.285	58.456	9.6975
v15	II	14	434.61	469.71	504.82	44.077	60.799	97.95	16.249
v15	Diff (1-2)		-56.04	-17.14	21.754	39.427	50.065	68.611	18.923
v16	I	14	442.65	468	493.35	31.827	43.902	70.728	11.733
v16	II	14	424.69	450.86	477.02	32.856	45.321	73.014	12.113

Comparison of Groups I and II

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Lower CL Upper CL Lower CL Upper CL

Variable	Class	N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-17.52	17.143	51.807	35.137	44.617	61.145	16.864
v17	I	14	439.89	473.14	506.4	41.751	57.591	92.782	15.392
v17	II	14	413.86	444	474.14	37.843	52.201	84.098	13.951
v17	Diff (1-2)		-13.56	29.143	71.844	43.284	54.962	75.322	20.774
v18	I	14	266.61	291.43	316.25	31.167	42.991	69.261	11.49
v18	II	14	280.63	296.57	312.52	20.021	27.617	44.493	7.3811
v18	Diff (1-2)		-33.21	-5.143	22.928	28.454	36.132	49.516	13.656
v19	I	14	259.19	274.29	289.38	18.955	26.146	42.122	6.9878
v19	II	14	264.34	284.57	304.8	25.404	35.042	56.454	9.3654
v19	Diff (1-2)		-34.3	-10.29	13.733	24.347	30.916	42.368	11.685
v20	I	14	2686.3	2821.7	2957.1	170.02	234.53	377.84	62.681
v20	II	14	2544.3	2684.6	2824.8	176.1	242.91	391.34	64.92
v20	Diff (1-2)		-48.35	137.14	322.64	188.03	238.76	327.2	90.242
v21	I	14	33.349	36.071	38.793	3.4177	4.7144	7.595	1.26
v21	II	14	33.813	36.143	38.473	2.9256	4.0356	6.5015	1.0785
v21	Diff (1-2)		-3.481	-0.071	3.3378	3.4557	4.3881	6.0136	1.6585
v22	I	0	.	.	.	.	.	.	.
v22	II	0	.	.	.	.	.	.	.
v22	Diff (1-2)	.	.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	II	0	.	.	.	.	.	.	.
v23	Diff (1-2)	.	.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	26	0.67	0.5063
v1	Satterthwaite	Unequal	26	0.67	0.5063
v2	Pooled	Equal	26	-0.55	0.5841
v2	Satterthwaite	Unequal	25.5	-0.55	0.5842
v3	Pooled	Equal	26	0.09	0.9323
v3	Satterthwaite	Unequal	21.9	0.09	0.9324
v4	Pooled	Equal	26	-1.20	0.2417
v4	Satterthwaite	Unequal	22.6	-1.20	0.2433
v5	Pooled	Equal	26	-0.75	0.4576
v5	Satterthwaite	Unequal	23.4	-0.75	0.4584
v6	Pooled	Equal	26	-0.39	0.7012

v6	Satterthwaite	Unequal	19.4	-0.39	0.7023
v7	Pooled	Equal	25	0.21	0.8360
v7	Satterthwaite	Unequal	24.6	0.21	0.8363
v8	Pooled	Equal	25	0.75	0.4599
v8	Satterthwaite	Unequal	23.9	0.75	0.4625
v9	Pooled	Equal	26	0.93	0.3632
v9	Satterthwaite	Unequal	25.7	0.93	0.3633
v10	Pooled	Equal	24	0.94	0.3557

Comparison of Groups I and II

-----sex=M day=10-----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	23.8	0.94	0.3558
v11	Pooled	Equal	25	1.61	0.1200
v11	Satterthwaite	Unequal	24	1.63	0.1167
v12	Pooled	Equal	26	-0.05	0.9572
v12	Satterthwaite	Unequal	25.9	-0.05	0.9572
v13	Pooled	Equal	26	0.12	0.9087
v13	Satterthwaite	Unequal	20.1	0.12	0.9089
v14	Pooled	Equal	26	-0.92	0.3653
v14	Satterthwaite	Unequal	25.5	-0.92	0.3655
v15	Pooled	Equal	26	-0.91	0.3733
v15	Satterthwaite	Unequal	21.2	-0.91	0.3751
v16	Pooled	Equal	26	1.02	0.3187
v16	Satterthwaite	Unequal	26	1.02	0.3187
v17	Pooled	Equal	26	1.40	0.1725
v17	Satterthwaite	Unequal	25.8	1.40	0.1726
v18	Pooled	Equal	26	-0.38	0.7095
v18	Satterthwaite	Unequal	22.2	-0.38	0.7101
v19	Pooled	Equal	26	-0.88	0.3868
v19	Satterthwaite	Unequal	24	-0.88	0.3874
v20	Pooled	Equal	26	1.52	0.1406
v20	Satterthwaite	Unequal	26	1.52	0.1407
v21	Pooled	Equal	26	-0.04	0.9660
v21	Satterthwaite	Unequal	25.4	-0.04	0.9660

v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	13	13	1.05	0.9370
v2	Folded F	13	13	1.33	0.6182
v3	Folded F	13	13	2.53	0.1062
v4	Folded F	13	13	2.26	0.1543
v5	Folded F	13	13	2.01	0.2219
v6	Folded F	13	13	3.82	0.0220
v7	Folded F	12	13	1.10	0.8678
v8	Folded F	12	13	1.31	0.6371
v9	Folded F	13	13	1.22	0.7203
v10	Folded F	12	12	1.23	0.7287
v11	Folded F	13	12	1.77	0.3299
v12	Folded F	13	13	1.12	0.8386
v13	Folded F	13	13	3.38	0.0364
v14	Folded F	13	13	1.33	0.6166
v15	Folded F	13	13	2.81	0.0737

Comparison of Groups I and II

----- sex=M day=10 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	13	13	1.07	0.9104
v17	Folded F	13	13	1.22	0.7284
v18	Folded F	13	13	2.42	0.1232
v19	Folded F	13	13	1.80	0.3036
v20	Folded F	13	13	1.07	0.9012
v21	Folded F	13	13	1.36	0.5831

v22 Folded F 0 0 . .
v23 Folded F 0 0 . .

Comparison of Groups I and II

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL		Upper CL	
			Mean	Mean	Mean	Std Dev	Mean	Std Dev	Std Dev	Std Err
v1	I	16	1.7413	1.775	1.8087	0.0467	0.0632	0.0979	0.0158	
v1	II	16	1.7602	1.8078	1.8554	0.066	0.0894	0.1383	0.0223	
v1	Diff (1-2)		-0.089	-0.033	0.0231	0.0619	0.0774	0.1035	0.0274	
v2	I	16	14.127	14.256	14.385	0.1789	0.2421	0.3747	0.0605	
v2	II	16	14.151	14.35	14.549	0.2764	0.3742	0.5791	0.0935	
v2	Diff (1-2)		-0.321	-0.094	0.1338	0.2518	0.3151	0.4212	0.1114	
v3	I	16	6.8587	7.0063	7.1538	0.2045	0.2768	0.4284	0.0692	
v3	II	16	6.864	7.0188	7.1735	0.2145	0.2903	0.4493	0.0726	
v3	Diff (1-2)		-0.217	-0.013	0.1923	0.2267	0.2837	0.3791	0.1003	
v4	I	16	1776.2	1815	1853.8	53.726	72.73	112.56	18.182	
v4	II	16	1785.9	1840.5	1895.1	75.695	102.47	158.59	25.617	
v4	Diff (1-2)		-89.66	-25.5	38.656	71.003	88.853	118.77	31.414	
v5	I	16	1732.1	1767	1801.9	48.391	65.507	101.38	16.377	
v5	II	16	1745.9	1797	1848.1	70.879	95.95	148.5	23.987	
v5	Diff (1-2)		-89.32	-30	29.317	65.648	82.151	109.81	29.045	
v6	I	16	1794.6	1834.5	1874.4	55.299	74.86	115.86	18.715	
v6	II	16	1792.6	1839	1885.4	64.372	87.141	134.87	21.785	
v6	Diff (1-2)		-63.15	-4.5	54.154	64.914	81.233	108.58	28.72	
v7	I	16	1741	1774.5	1808	46.443	62.871	97.305	15.718	
v7	II	16	1761.9	1812	1862.1	69.423	93.979	145.45	23.495	
v7	Diff (1-2)		-95.23	-37.5	20.23	63.891	79.952	106.87	28.267	
v8	I	16	2743.3	2820	2896.7	106.37	144	222.87	36	
v8	II	16	2677.5	2784	2890.5	147.62	199.84	309.29	49.96	
v8	Diff (1-2)		-89.76	36	161.76	139.18	174.17	232.81	61.579	
v9	I	16	2786.8	2862	2937.2	104.28	141.17	218.49	35.293	
v9	II	16	2708.2	2802	2895.8	130.04	176.04	272.45	44.009	
v9	Diff (1-2)		-55.21	60	175.21	127.51	159.56	213.28	56.413	
v10	I	16	200.63	223.81	247	32.144	43.514	67.347	10.879	

v10	II	16	189.6	211.31	233.02	30.099	40.746	63.062	10.186
v10	Diff (1-2)		-17.94	12.5	42.937	33.685	42.153	56.345	14.903
v11	I	16	200.86	232.81	264.77	44.298	59.967	92.81	14.992
v11	II	16	193.67	211.81	229.95	25.147	34.042	52.686	8.5104
v11	Diff (1-2)		-14.21	21	56.206	38.964	48.759	65.175	17.239
v12	I	16	1355.5	1396.5	1437.5	56.887	77.009	119.19	19.252
v12	II	16	1375.8	1426.5	1477.2	70.313	95.184	147.32	23.796
v12	Diff (1-2)		-92.51	-30	32.512	69.183	86.575	115.72	30.609
v13	I	16	1318.8	1365	1411.2	64.045	86.699	134.18	21.675
v13	II	16	1362.5	1404	1445.5	57.539	77.892	120.55	19.473
v13	Diff (1-2)		-98.51	-39	20.507	65.858	82.414	110.16	29.138
v14	I	16	761.74	792	822.26	41.954	56.794	87.9	14.199
v14	II	16	778.64	807	835.36	39.311	53.217	82.363	13.304
v14	Diff (1-2)		-54.74	-15	24.738	43.979	55.035	73.563	19.458
v15	I	16	746.82	775.5	804.18	39.759	53.822	83.3	13.455
v15	II	15	777.35	804.8	832.25	36.295	49.574	78.183	12.8
v15	Diff (1-2)		-67.39	-29.3	8.7865	41.266	51.815	69.655	18.622
v16	I	16	556.65	595.5	634.35	53.86	72.911	112.84	18.228
v16	II	16	560.37	588	615.63	38.299	51.846	80.241	12.961

Comparison of Groups I and II

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL Mean	Upper CL Mean	Lower CL Mean	Upper CL Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-38.18	7.5	53.178	50.553	63.261	84.56	22.366	
v17	I	16	547.82	564	580.18	22.426	30.358	46.985	7.5895	
v17	II	15	559.97	580.8	601.63	27.543	37.621	59.332	9.7136	
v17	Diff (1-2)		-41.83	-16.8	8.2343	27.124	34.058	45.785	12.24	
v18	I	16	435.64	456	476.36	28.218	38.199	59.121	9.5499	
v18	II	16	448.99	475.5	502.01	36.746	49.743	76.987	12.436	
v18	Diff (1-2)		-51.52	-19.5	12.522	35.44	44.349	59.28	15.68	
v19	I	16	468.86	484.5	500.14	21.683	29.353	45.429	7.3383	
v19	II	16	457.48	483	508.52	35.384	47.9	74.134	11.975	
v19	Diff (1-2)		-27.18	1.5	30.183	31.744	39.724	53.098	14.045	
v20	I	16	4361.3	4479	4596.7	163.12	220.81	341.75	55.203	

v20	II	16	4836	4962	5088	174.61	236.37	365.83	59.093
v20	Diff (1-2)		-648.2	-483	-317.8	182.78	228.73	305.73	80.867
v21	I	0	.	.	.	.	.	.	.
v21	II	0	.	.	.	.	.	.	.
v21	Diff (1-2)		.	.	.	.	.	.	.
v22	I	16	175.27	187.75	200.23	17.302	23.422	36.25	5.8556
v22	II	16	224.15	258.56	292.98	47.709	64.585	99.957	16.146
v22	Diff (1-2)		-105.9	-70.81	-35.74	38.82	48.579	64.934	17.175
v23	I	16	177.85	190.25	202.65	17.195	23.277	36.025	5.8191
v23	II	16	223.93	254.44	284.95	42.297	57.258	88.618	14.315
v23	Diff (1-2)		-95.75	-64.19	-32.63	34.926	43.705	58.42	15.452

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	-1.20	0.2400
v1	Satterthwaite	Unequal	27	-1.20	0.2410
v2	Pooled	Equal	30	-0.84	0.4068
v2	Satterthwaite	Unequal	25.7	-0.84	0.4079
v3	Pooled	Equal	30	-0.12	0.9016
v3	Satterthwaite	Unequal	29.9	-0.12	0.9016
v4	Pooled	Equal	30	-0.81	0.4233
v4	Satterthwaite	Unequal	27.1	-0.81	0.4240
v5	Pooled	Equal	30	-1.03	0.3099
v5	Satterthwaite	Unequal	26.5	-1.03	0.3110
v6	Pooled	Equal	30	-0.16	0.8765
v6	Satterthwaite	Unequal	29.3	-0.16	0.8766
v7	Pooled	Equal	30	-1.33	0.1946
v7	Satterthwaite	Unequal	26.2	-1.33	0.1961
v8	Pooled	Equal	30	0.58	0.5632
v8	Satterthwaite	Unequal	27.3	0.58	0.5636
v9	Pooled	Equal	30	1.06	0.2960
v9	Satterthwaite	Unequal	28.6	1.06	0.2964
v10	Pooled	Equal	30	0.84	0.4082

Comparison of Groups I and II

-----sex=M day=22-----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	29.9	0.84	0.4083
v11	Pooled	Equal	30	1.22	0.2327
v11	Satterthwaite	Unequal	23.8	1.22	0.2351
v12	Pooled	Equal	30	-0.98	0.3349
v12	Satterthwaite	Unequal	28.7	-0.98	0.3352
v13	Pooled	Equal	30	-1.34	0.1908
v13	Satterthwaite	Unequal	29.7	-1.34	0.1909
v14	Pooled	Equal	30	-0.77	0.4468
v14	Satterthwaite	Unequal	29.9	-0.77	0.4468
v15	Pooled	Equal	29	-1.57	0.1265
v15	Satterthwaite	Unequal	29	-1.58	0.1255
v16	Pooled	Equal	30	0.34	0.7397
v16	Satterthwaite	Unequal	27.1	0.34	0.7400
v17	Pooled	Equal	29	-1.37	0.1804
v17	Satterthwaite	Unequal	26.9	-1.36	0.1842
v18	Pooled	Equal	30	-1.24	0.2233
v18	Satterthwaite	Unequal	28.1	-1.24	0.2239
v19	Pooled	Equal	30	0.11	0.9157
v19	Satterthwaite	Unequal	24.9	0.11	0.9158
v20	Pooled	Equal	30	-5.97	<.0001
v20	Satterthwaite	Unequal	29.9	-5.97	<.0001
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	30	-4.12	0.0003
v22	Satterthwaite	Unequal	18.9	-4.12	0.0006
v23	Pooled	Equal	30	-4.15	0.0002
v23	Satterthwaite	Unequal	19.8	-4.15	0.0005

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	15	2.00	0.1921
v2	Folded F	15	15	2.39	0.1024
v3	Folded F	15	15	1.10	0.8559

v4	Folded F	15	15	1.99	0.1958
v5	Folded F	15	15	2.15	0.1507
v6	Folded F	15	15	1.36	0.5636
v7	Folded F	15	15	2.23	0.1306
v8	Folded F	15	15	1.93	0.2159
v9	Folded F	15	15	1.55	0.4024
v10	Folded F	15	15	1.14	0.8024
v11	Folded F	15	15	3.10	0.0354
v12	Folded F	15	15	1.53	0.4213
v13	Folded F	15	15	1.24	0.6835
v14	Folded F	15	15	1.14	0.8043
v15	Folded F	15	14	1.18	0.7634

Comparison of Groups I and II

----- sex=M day=22 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	15	1.98	0.1982
v17	Folded F	14	15	1.54	0.4194
v18	Folded F	15	15	1.70	0.3172
v19	Folded F	15	15	2.66	0.0672
v20	Folded F	15	15	1.15	0.7954
v21	Folded F	0	0	.	.
v22	Folded F	15	15	7.60	0.0003
v23	Folded F	15	15	6.05	0.0012

Comparison of Groups I and III

----- sex=F day=10 -----

The TTEST Procedure

Statistics

Variable Class	Lower CL		Upper CL		Lower CL		Upper CL	
	N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err

v1	I	16	1.0378	1.1035	1.1692	0.0911	0.1233	0.1908	0.0308
v1	III	15	0.943	1.0158	1.0886	0.0963	0.1315	0.2074	0.034
v1	Diff (1-2)		-0.006	0.0877	0.1813	0.1014	0.1273	0.1711	0.0458
v2	I	16	11.808	12.131	12.455	0.4487	0.6074	0.9401	0.1519
v2	III	15	11.414	11.68	11.946	0.3513	0.4799	0.7568	0.1239
v2	Diff (1-2)		0.0473	0.4513	0.8552	0.4377	0.5496	0.7388	0.1975
v3	I	16	4.8311	5.0813	5.3314	0.3467	0.4694	0.7264	0.1173
v3	III	15	4.6847	4.94	5.1953	0.3376	0.4611	0.7271	0.119
v3	Diff (1-2)		-0.201	0.1412	0.4833	0.3706	0.4654	0.6256	0.1673
v4	I	16	1067.9	1134	1200.1	91.666	124.09	192.05	31.023
v4	III	15	1063.3	1123.2	1183.1	79.195	108.17	170.6	27.93
v4	Diff (1-2)		-74.96	10.8	96.563	92.922	116.68	156.85	41.933
v5	I	15	1088	1155.2	1222.4	88.82	121.32	191.33	31.324
v5	III	15	1067.4	1142.4	1217.4	99.13	135.4	213.54	34.96
v5	Diff (1-2)		-83.35	12.8	108.95	102.02	128.55	173.86	46.941
v6	I	16	1266.8	1332	1397.2	90.4	122.38	189.4	30.594
v6	III	15	1223	1280	1337	75.332	102.9	162.28	26.567
v6	Diff (1-2)		-31.35	52	135.35	90.305	113.39	152.43	40.752
v7	I	16	1257.9	1318.5	1379.1	84.026	113.75	176.05	28.437
v7	III	15	1207.6	1273.6	1339.6	87.217	119.13	187.88	30.759
v7	Diff (1-2)		-40.64	44.9	130.44	92.683	116.38	156.45	41.825
v8	I	16	1905.3	1983	2060.7	107.72	145.82	225.69	36.455
v8	III	14	1775.2	1858.3	1941.4	104.33	143.91	231.85	38.462
v8	Diff (1-2)		16.063	124.71	233.37	115.02	144.94	196.02	53.042
v9	I	16	1919.6	1978.5	2037.4	81.622	110.49	171.01	27.623
v9	III	15	1777.8	1859.2	1940.6	107.68	147.07	231.95	37.974
v9	Diff (1-2)		24.148	119.3	214.45	103.09	129.45	174.02	46.524
v10	I	16	310.18	337.88	365.57	38.398	51.981	80.45	12.995
v10	III	15	261.42	289.27	317.11	36.813	50.283	79.301	12.983
v10	Diff (1-2)		10.997	48.608	86.219	40.751	51.168	68.786	18.39
v11	I	15	313.07	343.07	373.07	39.663	54.175	85.439	13.988
v11	III	15	269.98	292.47	314.95	29.726	40.602	64.034	10.483
v11	Diff (1-2)		14.793	50.6	86.407	37.99	47.872	64.745	17.48
v12	I	15	943.91	996.8	1049.7	69.928	95.513	150.63	24.661
v12	III	13	845.71	895.38	945.06	58.945	82.201	135.69	22.798
v12	Diff (1-2)		31.614	101.42	171.22	70.573	89.615	122.81	33.958
v13	I	15	908.99	947.2	985.41	50.52	69.004	108.83	17.817
v13	III	14	807.24	858.86	910.47	64.806	89.394	144.02	23.891
v13	Diff (1-2)		27.743	88.343	148.94	62.836	79.477	108.18	29.535
v14	I	15	428.59	472	515.41	57.387	78.384	123.62	20.239
v14	III	13	403.39	433.85	464.3	36.142	50.401	83.199	13.979

v14	Diff (1-2)		-13.98	38.154	90.293	52.715	66.938	91.735	25.365
v15	I	15	431.02	467.2	503.38	47.829	65.329	103.03	16.868
v15	III	14	391.8	433.71	475.63	52.625	72.591	116.95	19.401
v15	Diff (1-2)		-19.07	33.486	86.037	54.49	68.921	93.811	25.612
v16	I	15	482.67	510.4	538.13	36.657	50.07	78.965	12.928
v16	III	13	436.12	459.69	483.26	27.968	39.003	64.384	10.817

Comparison of Groups I and III

-----sex=F day=10-----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev				
v16	Diff (1-2)		15.424	50.708	85.992	35.674	45.299	62.079	17.165	
v17	I	15	453.02	468.8	484.58	20.861	28.494	44.937	7.357	
v17	III	14	409.52	426.86	444.2	21.773	30.033	48.384	8.0266	
v17	Diff (1-2)		19.644	41.943	64.242	23.122	29.245	39.806	10.868	
v18	I	15	282.71	312	341.29	38.725	52.893	83.418	13.657	
v18	III	13	253.63	284.31	314.99	36.404	50.766	83.802	14.08	
v18	Diff (1-2)		-12.75	27.692	68.135	40.89	51.923	71.156	19.675	
v19	I	15	255.19	275.2	295.21	26.454	36.133	56.985	9.3295	
v19	III	14	237.75	265.71	293.68	35.107	48.427	78.017	12.943	
v19	Diff (1-2)		-22.92	9.4857	41.89	33.6	42.498	57.846	15.793	
v20	I	16	2688.6	2838	2987.4	207.11	280.37	433.92	70.091	
v20	III	14	2467.3	2633.1	2799	208.28	287.3	462.85	76.783	
v20	Diff (1-2)		-7.744	204.86	417.46	225.06	283.6	383.56	103.79	
v21	I	16	36.316	38.625	40.934	3.2015	4.334	6.7077	1.0835	
v21	III	15	33.108	34.6	36.092	1.9723	2.6939	4.2486	0.6956	
v21	Diff (1-2)		1.3525	4.025	6.6975	2.8956	3.6358	4.8876	1.3067	
v22	I	0	.	.	.	.	.	.	.
v22	III	0	.	.	.	.	.	.	.
v22	Diff (1-2)		.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	III	0	.	.	.	.	.	.	.
v23	Diff (1-2)		.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	29	1.92	0.0652
v1	Satterthwaite	Unequal	28.5	1.91	0.0659
v2	Pooled	Equal	29	2.28	0.0298
v2	Satterthwaite	Unequal	28.2	2.30	0.0289
v3	Pooled	Equal	29	0.84	0.4053
v3	Satterthwaite	Unequal	28.9	0.85	0.4050
v4	Pooled	Equal	29	0.26	0.7986
v4	Satterthwaite	Unequal	28.9	0.26	0.7977
v5	Pooled	Equal	28	0.27	0.7871
v5	Satterthwaite	Unequal	27.7	0.27	0.7871
v6	Pooled	Equal	29	1.28	0.2121
v6	Satterthwaite	Unequal	28.7	1.28	0.2096
v7	Pooled	Equal	29	1.07	0.2919
v7	Satterthwaite	Unequal	28.6	1.07	0.2927
v8	Pooled	Equal	28	2.35	0.0260
v8	Satterthwaite	Unequal	27.6	2.35	0.0260
v9	Pooled	Equal	29	2.56	0.0158
v9	Satterthwaite	Unequal	26	2.54	0.0174
v10	Pooled	Equal	29	2.64	0.0131

Comparison of Groups I and III

----- sex=F day=10 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	29	2.65	0.0130
v11	Pooled	Equal	28	2.89	0.0073
v11	Satterthwaite	Unequal	26	2.89	0.0076
v12	Pooled	Equal	26	2.99	0.0061
v12	Satterthwaite	Unequal	26	3.02	0.0056
v13	Pooled	Equal	27	2.99	0.0059
v13	Satterthwaite	Unequal	24.5	2.96	0.0067
v14	Pooled	Equal	26	1.50	0.1446

v14	Satterthwaite	Unequal	24.1	1.55	0.1339
v15	Pooled	Equal	27	1.31	0.2021
v15	Satterthwaite	Unequal	26.2	1.30	0.2041
v16	Pooled	Equal	26	2.95	0.0066
v16	Satterthwaite	Unequal	25.7	3.01	0.0058
v17	Pooled	Equal	27	3.86	0.0006
v17	Satterthwaite	Unequal	26.6	3.85	0.0007
v18	Pooled	Equal	26	1.41	0.1711
v18	Satterthwaite	Unequal	25.7	1.41	0.1700
v19	Pooled	Equal	27	0.60	0.5531
v19	Satterthwaite	Unequal	24	0.59	0.5577
v20	Pooled	Equal	28	1.97	0.0583
v20	Satterthwaite	Unequal	27.3	1.97	0.0590
v21	Pooled	Equal	29	3.08	0.0045
v21	Satterthwaite	Unequal	25.3	3.13	0.0044
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	14	15	1.14	0.8043
v2	Folded F	15	14	1.60	0.3847
v3	Folded F	15	14	1.04	0.9517
v4	Folded F	15	14	1.32	0.6129
v5	Folded F	14	14	1.25	0.6868
v6	Folded F	15	14	1.41	0.5224
v7	Folded F	14	15	1.10	0.8579
v8	Folded F	15	13	1.03	0.9717
v9	Folded F	14	15	1.77	0.2836
v10	Folded F	15	14	1.07	0.9060
v11	Folded F	14	14	1.78	0.2924
v12	Folded F	14	12	1.35	0.6087
v13	Folded F	13	14	1.68	0.3484
v14	Folded F	14	12	2.42	0.1329
v15	Folded F	13	14	1.23	0.6989

Comparison of Groups I and III

-----sex=F day=10-----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	14	12	1.65	0.3917
v17	Folded F	13	14	1.11	0.8442
v18	Folded F	14	12	1.09	0.8964
v19	Folded F	13	14	1.80	0.2897
v20	Folded F	13	15	1.05	0.9184
v21	Folded F	15	14	2.59	0.0832
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and III

-----sex=F day=22-----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL Mean	Upper CL Mean	Lower CL Std Dev	Upper CL Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean						
v1	I	16	1.6625	1.7031	1.7438	0.0564	0.0763	0.1181	0.0191			
v1	III	15	1.6944	1.745	1.7956	0.0669	0.0913	0.144	0.0236			
v1	Diff (1-2)		-0.104	-0.042	0.0198	0.0668	0.0839	0.1128	0.0302			
v2	I	16	13.854	14.031	14.208	0.2453	0.3321	0.514	0.083			
v2	III	15	14.082	14.267	14.451	0.2439	0.3331	0.5253	0.086			
v2	Diff (1-2)		-0.48	-0.235	0.009	0.2649	0.3326	0.4471	0.1195			
v3	I	16	6.7363	6.8938	7.0512	0.2183	0.2955	0.4573	0.0739			
v3	III	15	6.7874	6.9467	7.1059	0.2105	0.2875	0.4534	0.0742			
v3	Diff (1-2)		-0.267	-0.053	0.1615	0.2323	0.2916	0.3921	0.1048			
v4	I	16	1827.7	1876.5	1925.3	67.655	91.586	141.75	22.897			
v4	III	15	1761.5	1811.2	1860.9	65.7	89.739	141.53	23.17			
v4	Diff (1-2)		-1.368	65.3	131.97	72.233	90.699	121.93	32.597			
v5	I	16	1799.5	1848	1896.5	67.277	91.074	140.95	22.768			

v5	III	15	1753.3	1796.8	1840.3	57.464	78.489	123.78	20.266
v5	Diff (1-2)		-11.45	51.2	113.85	67.878	85.23	114.58	30.632
v6	I	16	1811.6	1854	1896.4	58.8	79.599	123.19	19.9
v6	III	15	1781.2	1827.2	1873.2	60.82	83.072	131.01	21.449
v6	Diff (1-2)		-32.96	26.8	86.555	64.743	81.294	109.29	29.217
v7	I	16	1780.8	1833	1885.2	72.342	97.931	151.57	24.483
v7	III	15	1790.3	1820.8	1851.3	40.324	55.078	86.864	14.221
v7	Diff (1-2)		-46.72	12.2	71.119	63.837	80.156	107.76	28.808
v8	I	16	2918.8	2991	3063.2	100.05	135.45	209.63	33.861
v8	III	15	2670.7	2748.8	2826.9	103.28	141.08	222.49	36.425
v8	Diff (1-2)		140.62	242.2	343.78	110.06	138.19	185.77	49.666
v9	I	16	2902.9	2985	3067.1	113.77	154.02	238.37	38.505
v9	III	15	2662.1	2732.8	2803.5	93.419	127.6	201.24	32.946
v9	Diff (1-2)		147.91	252.2	356.49	112.99	141.88	190.73	50.991
v10	I	16	197.53	218.38	239.22	28.891	39.11	60.53	9.7775
v10	III	15	212.59	232.33	252.07	26.098	35.646	56.218	9.2039
v10	Diff (1-2)		-41.51	-13.96	13.59	29.848	37.478	50.382	13.469
v11	I	16	195.95	220.19	244.42	33.596	45.48	70.389	11.37
v11	III	15	216.8	236.2	255.6	25.647	35.031	55.247	9.045
v11	Diff (1-2)		-45.98	-16.01	13.957	32.471	40.771	54.81	14.653
v12	I	16	1350.7	1402.5	1454.3	71.788	97.18	150.41	24.295
v12	III	15	1321.1	1353.6	1386.1	42.937	58.648	92.493	15.143
v12	Diff (1-2)		-10.57	48.9	108.37	64.432	80.903	108.76	29.076
v13	I	15	1341.7	1398.4	1455.1	74.98	102.41	161.52	26.443
v13	III	15	1327.3	1379.2	1431.1	68.655	93.774	147.89	24.212
v13	Diff (1-2)		-54.24	19.2	92.643	77.921	98.189	132.8	35.854
v14	I	16	775.69	802.5	829.31	37.171	50.319	77.878	12.58
v14	III	15	757.01	777.6	798.19	27.221	37.181	58.638	9.6
v14	Diff (1-2)		-7.783	24.9	57.583	35.411	44.464	59.773	15.98
v15	I	16	744.44	781.5	818.56	51.371	69.541	107.63	17.385
v15	III	15	759.37	795.2	831.03	47.366	64.696	102.03	16.704
v15	Diff (1-2)		-63.13	-13.7	35.729	53.555	67.246	90.4	24.168
v16	I	16	571.48	597	622.52	35.384	47.9	74.134	11.975
v16	III	15	557.22	577.6	597.98	26.95	36.81	58.053	9.5043

Comparison of Groups I and III

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL		Lower CL		Upper CL	
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-12.14	19.4	50.938	34.17	42.906	57.679	15.42
v17	I	15	589.85	612.8	635.75	30.337	41.437	65.35	10.699
v17	III	15	559.86	577.6	595.34	23.449	32.029	50.512	8.2697
v17	Diff (1-2)		7.5005	35.2	62.9	29.388	37.033	50.085	13.522
v18	I	16	439.36	463.5	487.64	33.463	45.299	70.109	11.325
v18	III	15	398.94	414.4	429.86	20.434	27.91	44.017	7.2063
v18	Diff (1-2)		21.232	49.1	76.968	30.195	37.914	50.968	13.626
v19	I	16	446.87	483	519.13	50.093	67.812	104.95	16.953
v19	III	15	404.26	428.8	453.34	32.445	44.316	69.89	11.442
v19	Diff (1-2)		11.805	54.2	96.595	45.934	57.676	77.535	20.729
v20	I	16	4554.9	4692	4829.1	190.07	257.3	398.22	64.324
v20	III	15	4699.9	4841.6	4983.3	187.31	255.84	403.49	66.058
v20	Diff (1-2)		-338.2	-149.6	39.011	204.35	256.6	344.95	92.22
v21	I	0	.	.	.	.	.	.	.
v21	III	0	.	.	.	.	.	.	.
v21	Diff (1-2)	.	.	.	.	.	.	.	.
v22	I	16	178.67	192.69	206.7	19.426	26.298	40.701	6.5744
v22	III	15	222.79	278.53	334.27	73.69	100.65	158.74	25.988
v22	Diff (1-2)		-139.1	-85.85	-32.59	57.697	72.446	97.391	26.037
v23	I	16	176.97	192.63	208.28	21.696	29.371	45.457	7.3427
v23	III	15	220.56	271.87	323.17	67.827	92.644	146.11	23.92
v23	Diff (1-2)		-129	-79.24	-29.44	53.954	67.747	91.073	24.348

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	29	-1.39	0.1754
v1	Satterthwaite	Unequal	27.4	-1.38	0.1786
v2	Pooled	Equal	29	-1.97	0.0585
v2	Satterthwaite	Unequal	28.9	-1.97	0.0586
v3	Pooled	Equal	29	-0.50	0.6175
v3	Satterthwaite	Unequal	29	-0.51	0.6172
v4	Pooled	Equal	29	2.00	0.0546
v4	Satterthwaite	Unequal	28.9	2.00	0.0544
v5	Pooled	Equal	29	1.67	0.1054

v5	Satterthwaite	Unequal	28.8	1.68	0.1038
v6	Pooled	Equal	29	0.92	0.3666
v6	Satterthwaite	Unequal	28.7	0.92	0.3673
v7	Pooled	Equal	29	0.42	0.6751
v7	Satterthwaite	Unequal	23.9	0.43	0.6704
v8	Pooled	Equal	29	4.88	<.0001
v8	Satterthwaite	Unequal	28.7	4.87	<.0001
v9	Pooled	Equal	29	4.95	<.0001
v9	Satterthwaite	Unequal	28.6	4.98	<.0001
v10	Pooled	Equal	29	-1.04	0.3086

Comparison of Groups I and III

----- sex=F day=22 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	29	-1.04	0.3072
v11	Pooled	Equal	29	-1.09	0.2835
v11	Satterthwaite	Unequal	28	-1.10	0.2798
v12	Pooled	Equal	29	1.68	0.1034
v12	Satterthwaite	Unequal	24.9	1.71	0.1001
v13	Pooled	Equal	28	0.54	0.5965
v13	Satterthwaite	Unequal	27.8	0.54	0.5966
v14	Pooled	Equal	29	1.56	0.1300
v14	Satterthwaite	Unequal	27.5	1.57	0.1270
v15	Pooled	Equal	29	-0.57	0.5752
v15	Satterthwaite	Unequal	29	-0.57	0.5743
v16	Pooled	Equal	29	1.26	0.2184
v16	Satterthwaite	Unequal	28	1.27	0.2149
v17	Pooled	Equal	28	2.60	0.0146
v17	Satterthwaite	Unequal	26.3	2.60	0.0150
v18	Pooled	Equal	29	3.60	0.0012
v18	Satterthwaite	Unequal	25.2	3.66	0.0012
v19	Pooled	Equal	29	2.61	0.0140
v19	Satterthwaite	Unequal	26	2.65	0.0135
v20	Pooled	Equal	29	-1.62	0.1156
v20	Satterthwaite	Unequal	28.9	-1.62	0.1156

v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	29	-3.30	0.0026
v22	Satterthwaite	Unequal	15.8	-3.20	0.0056
v23	Pooled	Equal	29	-3.25	0.0029
v23	Satterthwaite	Unequal	16.6	-3.17	0.0058

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	14	15	1.43	0.4981
v2	Folded F	14	15	1.01	0.9862
v3	Folded F	15	14	1.06	0.9238
v4	Folded F	15	14	1.04	0.9441
v5	Folded F	15	14	1.35	0.5835
v6	Folded F	14	15	1.09	0.8682
v7	Folded F	15	14	3.16	0.0376
v8	Folded F	14	15	1.08	0.8741
v9	Folded F	15	14	1.46	0.4875
v10	Folded F	15	14	1.20	0.7337
v11	Folded F	15	14	1.69	0.3360
v12	Folded F	15	14	2.75	0.0664
v13	Folded F	14	14	1.19	0.7461
v14	Folded F	15	14	1.83	0.2654
v15	Folded F	15	14	1.16	0.7920

Comparison of Groups I and III

-----sex=F day=22-----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	14	1.69	0.3318
v17	Folded F	14	14	1.67	0.3464
v18	Folded F	15	14	2.63	0.0779
v19	Folded F	15	14	2.34	0.1199

v20	Folded F	15	14	1.01	0.9880
v21	Folded F	0	0	.	.
v22	Folded F	14	15	14.65	<.0001
v23	Folded F	14	15	9.95	<.0001

Comparison of Groups I and III

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL Mean	Std Dev	Upper CL Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev					
v1	I	14	1.0419	1.1041	1.1664	0.0782	0.1079	0.1738	0.0288		
v1	III	11	1.028	1.0875	1.1471	0.0619	0.0886	0.1555	0.0267		
v1	Diff (1-2)		-0.067	0.0166	0.0999	0.0777	0.0999	0.1402	0.0403		
v2	I	14	11.605	11.879	12.152	0.3438	0.4742	0.764	0.1267		
v2	III	11	11.688	11.964	12.239	0.2869	0.4105	0.7205	0.1238		
v2	Diff (1-2)		-0.458	-0.085	0.288	0.3479	0.4477	0.6279	0.1804		
v3	I	14	4.7372	4.9286	5.12	0.2403	0.3315	0.5341	0.0886		
v3	III	11	4.4655	4.7818	5.0981	0.3289	0.4708	0.8262	0.1419		
v3	Diff (1-2)		-0.185	0.1468	0.4786	0.3094	0.3981	0.5584	0.1604		
v4	I	14	1021.8	1081.7	1141.6	75.212	103.75	167.14	27.728		
v4	III	11	1076.6	1145.5	1214.3	71.576	102.44	179.77	30.886		
v4	Diff (1-2)		-149.7	-63.74	22.259	80.193	103.18	144.74	41.573		
v5	I	14	1054.8	1114.3	1173.8	74.669	103	165.93	27.527		
v5	III	11	1070.5	1136.7	1202.9	68.845	98.53	172.91	29.708		
v5	Diff (1-2)		-106.7	-22.44	61.807	78.56	101.08	141.79	40.726		
v6	I	14	1228.5	1272	1315.5	54.595	75.309	121.33	20.127		
v6	III	11	1234.4	1328.7	1423.1	98.146	140.47	246.51	42.352		
v6	Diff (1-2)		-147.2	-56.73	33.751	84.37	108.55	152.28	43.738		
v7	I	13	1212	1284.9	1357.8	86.512	120.64	199.15	33.461		
v7	III	11	1234.3	1322.2	1410	91.374	130.77	229.5	39.43		
v7	Diff (1-2)		-143.8	-37.26	69.24	96.945	125.35	177.42	51.353		
v8	I	13	1900.3	2001.2	2102.2	119.76	167.01	275.69	46.32		
v8	III	11	1913.3	1974.5	2035.8	63.675	91.131	159.93	27.477		
v8	Diff (1-2)		-90.39	26.685	143.76	106.57	137.8	195.03	56.453		
v9	I	14	1925.1	2002.3	2079.5	96.924	133.7	215.39	35.732		
v9	III	11	1936	1985.5	2034.9	51.463	73.654	129.26	22.207		

v9	Diff (1-2)		-76.21	16.831	109.88	86.763	111.63	156.59	44.978
v10	I	13	285.49	307.31	329.13	25.895	36.112	59.611	10.016
v10	III	10	332.14	384	435.86	49.864	72.494	132.35	22.925
v10	Diff (1-2)		-124.6	-76.69	-28.8	42.121	54.749	78.24	23.029
v11	I	14	288.28	316.29	344.29	35.167	48.509	78.15	12.965
v11	III	9	319.98	380.89	441.79	53.52	79.235	151.8	26.412
v11	Diff (1-2)		-119.7	-64.6	-9.484	47.727	62.035	88.652	26.504
v12	I	14	875.98	925.71	975.44	62.44	86.13	138.76	23.019
v12	III	11	893.96	936	978.04	43.729	62.584	109.83	18.87
v12	Diff (1-2)		-74.29	-10.29	53.714	59.678	76.785	107.71	30.938
v13	I	14	896.87	927.43	957.99	38.367	52.923	85.262	14.144
v13	III	11	879.26	914.18	949.1	36.32	51.98	91.222	15.673
v13	Diff (1-2)		-30.52	13.247	57.018	40.816	52.515	73.667	21.159
v14	I	14	420.16	449.14	478.12	36.387	50.192	80.861	13.414
v14	III	11	397.17	447.27	497.37	52.105	74.572	130.87	22.484
v14	Diff (1-2)		-49.79	1.8701	53.531	48.173	61.982	86.946	24.973
v15	I	14	431.62	452.57	473.52	26.305	36.285	58.456	9.6975
v15	III	11	412.55	445.09	477.63	33.842	48.434	84.999	14.604
v15	Diff (1-2)		-27.53	7.4805	42.488	32.644	42.001	58.918	16.923
v16	I	14	442.65	468	493.35	31.827	43.902	70.728	11.733
v16	III	11	463.86	482.18	500.5	19.053	27.268	47.854	8.2217

Comparison of Groups I and III

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev				
v16	Diff (1-2)		-45.51	-14.18	17.145	29.212	37.586	52.724	15.144	
v17	I	14	439.89	473.14	506.4	41.751	57.591	92.782	15.392	
v17	III	11	446.27	460.36	474.45	14.654	20.973	36.806	6.3235	
v17	Diff (1-2)		-25.1	12.779	50.663	35.326	45.452	63.759	18.313	
v18	I	14	266.61	291.43	316.25	31.167	42.991	69.261	11.49	
v18	III	11	253	279.27	305.54	27.322	39.103	68.623	11.79	
v18	Diff (1-2)		-22.31	12.156	46.617	32.134	41.346	57.998	16.659	
v19	I	14	259.19	274.29	289.38	18.955	26.146	42.122	6.9878	
v19	III	11	248.8	270.55	292.29	22.612	32.362	56.792	9.7574	

v19	Diff (1-2)		-20.44	3.7403	27.922	22.549	29.012	40.697	11.689
v20	I	14	2686.3	2821.7	2957.1	170.02	234.53	377.84	62.681
v20	III	10	2715.8	2904	3092.2	181	263.15	480.41	83.215
v20	Diff (1-2)		-294.1	-82.29	129.5	190.75	246.64	349.08	102.12
v21	I	14	33.349	36.071	38.793	3.4177	4.7144	7.595	1.26
v21	III	11	33.418	36.545	39.673	3.2528	4.6554	8.1699	1.4037
v21	Diff (1-2)		-4.382	-0.474	3.434	3.6442	4.6888	6.5773	1.8892
v22	I	0	.	.	.	.	.	.	.
v22	III	0	.	.	.	.	.	.	.
v22	Diff (1-2)		.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	III	0	.	.	.	.	.	.	.
v23	Diff (1-2)		.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	23	0.41	0.6840
v1	Satterthwaite	Unequal	22.9	0.42	0.6767
v2	Pooled	Equal	23	-0.47	0.6416
v2	Satterthwaite	Unequal	22.7	-0.48	0.6357
v3	Pooled	Equal	23	0.91	0.3697
v3	Satterthwaite	Unequal	17.3	0.88	0.3925
v4	Pooled	Equal	23	-1.53	0.1389
v4	Satterthwaite	Unequal	21.7	-1.54	0.1390
v5	Pooled	Equal	23	-0.55	0.5869
v5	Satterthwaite	Unequal	22	-0.55	0.5851
v6	Pooled	Equal	23	-1.30	0.2075
v6	Satterthwaite	Unequal	14.5	-1.21	0.2458
v7	Pooled	Equal	22	-0.73	0.4758
v7	Satterthwaite	Unequal	20.7	-0.72	0.4793
v8	Pooled	Equal	22	0.47	0.6411
v8	Satterthwaite	Unequal	19.1	0.50	0.6259
v9	Pooled	Equal	23	0.37	0.7117
v9	Satterthwaite	Unequal	20.9	0.40	0.6932
v10	Pooled	Equal	21	-3.33	0.0032

Comparison of Groups I and III

----- sex=M day=10 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	12.4	-3.07	0.0095
v11	Pooled	Equal	21	-2.44	0.0238
v11	Satterthwaite	Unequal	11.9	-2.20	0.0487
v12	Pooled	Equal	23	-0.33	0.7425
v12	Satterthwaite	Unequal	22.9	-0.35	0.7328
v13	Pooled	Equal	23	0.63	0.5374
v13	Satterthwaite	Unequal	21.8	0.63	0.5369
v14	Pooled	Equal	23	0.07	0.9410
v14	Satterthwaite	Unequal	16.8	0.07	0.9439
v15	Pooled	Equal	23	0.44	0.6626
v15	Satterthwaite	Unequal	18.1	0.43	0.6746
v16	Pooled	Equal	23	-0.94	0.3588
v16	Satterthwaite	Unequal	22	-0.99	0.3330
v17	Pooled	Equal	23	0.70	0.4923
v17	Satterthwaite	Unequal	17.1	0.77	0.4530
v18	Pooled	Equal	23	0.73	0.4729
v18	Satterthwaite	Unequal	22.4	0.74	0.4679
v19	Pooled	Equal	23	0.32	0.7519
v19	Satterthwaite	Unequal	19	0.31	0.7587
v20	Pooled	Equal	22	-0.81	0.4290
v20	Satterthwaite	Unequal	18.1	-0.79	0.4399
v21	Pooled	Equal	23	-0.25	0.8041
v21	Satterthwaite	Unequal	21.7	-0.25	0.8039
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	13	10	1.48	0.5396

v2	Folded F	13	10	1.33	0.6567
v3	Folded F	10	13	2.02	0.2356
v4	Folded F	13	10	1.03	0.9876
v5	Folded F	13	10	1.09	0.9050
v6	Folded F	10	13	3.48	0.0386
v7	Folded F	10	12	1.17	0.7800
v8	Folded F	12	10	3.36	0.0640
v9	Folded F	13	10	3.30	0.0659
v10	Folded F	9	12	4.03	0.0278
v11	Folded F	8	13	2.67	0.1123
v12	Folded F	13	10	1.89	0.3163
v13	Folded F	13	10	1.04	0.9737
v14	Folded F	10	13	2.21	0.1821
v15	Folded F	10	13	1.78	0.3263

Comparison of Groups I and III

----- sex=M day=10 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	13	10	2.59	0.1379
v17	Folded F	13	10	7.54	0.0030
v18	Folded F	13	10	1.21	0.7762
v19	Folded F	10	13	1.53	0.4644
v20	Folded F	9	13	1.26	0.6842
v21	Folded F	13	10	1.03	0.9879
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and III

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Lower CL Upper CL Lower CL Upper CL

Variable	Class	N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v1	I	16	1.7413	1.775	1.8087	0.0467	0.0632	0.0979	0.0158
v1	III	15	1.7746	1.813	1.8514	0.0508	0.0694	0.1094	0.0179
v1	Diff (1-2)		-0.087	-0.038	0.0107	0.0528	0.0663	0.0891	0.0238
v2	I	16	14.127	14.256	14.385	0.1789	0.2421	0.3747	0.0605
v2	III	15	14.235	14.393	14.552	0.2098	0.2865	0.4519	0.074
v2	Diff (1-2)		-0.331	-0.137	0.0573	0.2106	0.2645	0.3556	0.0951
v3	I	16	6.8587	7.0063	7.1538	0.2045	0.2768	0.4284	0.0692
v3	III	15	6.8026	6.9533	7.1041	0.1993	0.2722	0.4293	0.0703
v3	Diff (1-2)		-0.149	0.0529	0.2548	0.2187	0.2746	0.3691	0.0987
v4	I	16	1776.2	1815	1853.8	53.726	72.73	112.56	18.182
v4	III	15	1827.9	1865.6	1903.3	49.905	68.165	107.5	17.6
v4	Diff (1-2)		-102.5	-50.6	1.2671	56.197	70.563	94.858	25.36
v5	I	16	1732.1	1767	1801.9	48.391	65.507	101.38	16.377
v5	III	15	1815.4	1868.8	1922.2	70.556	96.371	151.99	24.883
v5	Diff (1-2)		-162	-101.8	-41.62	65.204	81.873	110.06	29.425
v6	I	16	1794.6	1834.5	1874.4	55.299	74.86	115.86	18.715
v6	III	15	1846.3	1883.2	1920.1	48.743	66.577	105	17.19
v6	Diff (1-2)		-100.9	-48.7	3.4753	56.53	70.982	95.422	25.511
v7	I	16	1741	1774.5	1808	46.443	62.871	97.305	15.718
v7	III	15	1822.1	1854.4	1886.7	42.766	58.413	92.124	15.082
v7	Diff (1-2)		-124.6	-79.9	-35.24	48.39	60.76	81.681	21.837
v8	I	16	2743.3	2820	2896.7	106.37	144	222.87	36
v8	III	15	2838.3	2892.8	2947.3	72.101	98.482	155.32	25.428
v8	Diff (1-2)		-164	-72.8	18.44	98.856	124.13	166.87	44.611
v9	I	16	2786.8	2862	2937.2	104.28	141.17	218.49	35.293
v9	III	15	2752.9	2809.6	2866.3	74.98	102.41	161.52	26.443
v9	Diff (1-2)		-38.73	52.4	143.53	98.741	123.98	166.67	44.559
v10	I	16	200.63	223.81	247	32.144	43.514	67.347	10.879
v10	III	15	195.69	217.67	239.65	29.058	39.689	62.594	10.248
v10	Diff (1-2)		-24.51	6.1458	36.806	33.219	41.712	56.073	14.991
v11	I	16	200.86	232.81	264.77	44.298	59.967	92.81	14.992
v11	III	15	193.41	216.93	240.46	31.1	42.479	66.994	10.968
v11	Diff (1-2)		-22.53	15.879	54.293	41.621	52.26	70.254	18.782
v12	I	16	1355.5	1396.5	1437.5	56.887	77.009	119.19	19.252
v12	III	15	1386.7	1422.4	1458.1	47.179	64.441	101.63	16.639
v12	Diff (1-2)		-78.25	-25.9	26.45	56.72	71.219	95.741	25.596
v13	I	16	1318.8	1365	1411.2	64.045	86.699	134.18	21.675
v13	III	15	1399.4	1433.6	1467.8	45.271	61.835	97.52	15.966
v13	Diff (1-2)		-124.3	-68.6	-12.94	60.306	75.722	101.79	27.214

v14	I	16	761.74	792	822.26	41.954	56.794	87.9	14.199
v14	III	15	790.98	811.2	831.42	26.73	36.511	57.581	9.427
v14	Diff (1-2)		-54.54	-19.2	16.143	38.293	48.083	64.638	17.281
v15	I	16	746.82	775.5	804.18	39.759	53.822	83.3	13.455
v15	III	15	796.54	816	835.46	25.721	35.132	55.407	9.0711
v15	Diff (1-2)		-74.14	-40.5	-6.862	36.446	45.763	61.519	16.447
v16	I	16	556.65	595.5	634.35	53.86	72.911	112.84	18.228
v16	III	15	576.95	595.2	613.45	24.129	32.957	51.977	8.5095

Comparison of Groups I and III

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL	Upper CL	Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean						
v16	Diff (1-2)		-41.76	0.3	42.359	45.57	57.219	76.92	20.564			
v17	I	16	547.82	564	580.18	22.426	30.358	46.985	7.5895			
v17	III	15	584.11	600	615.89	21.001	28.685	45.24	7.4066			
v17	Diff (1-2)		-57.73	-36	-14.27	23.544	29.562	39.741	10.625			
v18	I	16	435.64	456	476.36	28.218	38.199	59.121	9.5499			
v18	III	15	402.28	428.8	455.32	35.058	47.886	75.52	12.364			
v18	Diff (1-2)		-4.516	27.2	58.916	34.363	43.148	58.004	15.507			
v19	I	16	468.86	484.5	500.14	21.683	29.353	45.429	7.3383			
v19	III	15	427.49	448	468.51	27.113	37.033	58.404	9.5618			
v19	Diff (1-2)		12.036	36.5	60.964	26.506	33.282	44.742	11.962			
v20	I	16	4361.3	4479	4596.7	163.12	220.81	341.75	55.203			
v20	III	15	4811.1	4947.2	5083.3	179.91	245.74	387.55	63.449			
v20	Diff (1-2)		-639.6	-468.2	-296.8	185.7	233.18	313.47	83.804			
v21	I	0	.	.	.	.	.	.	.
v21	III	0	.	.	.	.	.	.	.
v21	Diff (1-2)		.	.	.	.	.	.	.
v22	I	16	175.27	187.75	200.23	17.302	23.422	36.25	5.8556			
v22	III	15	203.7	257.33	310.97	70.905	96.849	152.74	25.006			
v22	Diff (1-2)		-120.6	-69.58	-18.59	55.245	69.368	93.252	24.931			
v23	I	16	177.85	190.25	202.65	17.195	23.277	36.025	5.8191			
v23	III	15	201.97	250.2	298.43	63.765	87.095	137.36	22.488			
v23	Diff (1-2)		-106.1	-59.95	-13.8	50.004	62.787	84.406	22.566			

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	29	-1.60	0.1215
v1	Satterthwaite	Unequal	28.3	-1.59	0.1229
v2	Pooled	Equal	29	-1.44	0.1600
v2	Satterthwaite	Unequal	27.5	-1.43	0.1628
v3	Pooled	Equal	29	0.54	0.5959
v3	Satterthwaite	Unequal	28.9	0.54	0.5957
v4	Pooled	Equal	29	-2.00	0.0555
v4	Satterthwaite	Unequal	29	-2.00	0.0550
v5	Pooled	Equal	29	-3.46	0.0017
v5	Satterthwaite	Unequal	24.5	-3.42	0.0022
v6	Pooled	Equal	29	-1.91	0.0662
v6	Satterthwaite	Unequal	28.9	-1.92	0.0652
v7	Pooled	Equal	29	-3.66	0.0010
v7	Satterthwaite	Unequal	29	-3.67	0.0010
v8	Pooled	Equal	29	-1.63	0.1135
v8	Satterthwaite	Unequal	26.6	-1.65	0.1103
v9	Pooled	Equal	29	1.18	0.2492
v9	Satterthwaite	Unequal	27.3	1.19	0.2450
v10	Pooled	Equal	29	0.41	0.6848

Comparison of Groups I and III

----- sex=M day=22 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	29	0.41	0.6839
v11	Pooled	Equal	29	0.85	0.4048
v11	Satterthwaite	Unequal	27.1	0.85	0.4001
v12	Pooled	Equal	29	-1.01	0.3200
v12	Satterthwaite	Unequal	28.7	-1.02	0.3173
v13	Pooled	Equal	29	-2.52	0.0175

v13	Satterthwaite	Unequal	27.1	-2.55	0.0168
v14	Pooled	Equal	29	-1.11	0.2757
v14	Satterthwaite	Unequal	25.8	-1.13	0.2703
v15	Pooled	Equal	29	-2.46	0.0200
v15	Satterthwaite	Unequal	26	-2.50	0.0192
v16	Pooled	Equal	29	0.01	0.9885
v16	Satterthwaite	Unequal	21.2	0.01	0.9882
v17	Pooled	Equal	29	-3.39	0.0020
v17	Satterthwaite	Unequal	29	-3.39	0.0020
v18	Pooled	Equal	29	1.75	0.0900
v18	Satterthwaite	Unequal	26.8	1.74	0.0931
v19	Pooled	Equal	29	3.05	0.0048
v19	Satterthwaite	Unequal	26.7	3.03	0.0054
v20	Pooled	Equal	29	-5.59	<.0001
v20	Satterthwaite	Unequal	28.2	-5.57	<.0001
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	29	-2.79	0.0092
v22	Satterthwaite	Unequal	15.5	-2.71	0.0158
v23	Pooled	Equal	29	-2.66	0.0127
v23	Satterthwaite	Unequal	15.9	-2.58	0.0202

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	14	15	1.20	0.7245
v2	Folded F	14	15	1.40	0.5250
v3	Folded F	15	14	1.03	0.9548
v4	Folded F	15	14	1.14	0.8133
v5	Folded F	14	15	2.16	0.1501
v6	Folded F	15	14	1.26	0.6661
v7	Folded F	15	14	1.16	0.7882
v8	Folded F	15	14	2.14	0.1636
v9	Folded F	15	14	1.90	0.2379
v10	Folded F	15	14	1.20	0.7358
v11	Folded F	15	14	1.99	0.2053
v12	Folded F	15	14	1.43	0.5110
v13	Folded F	15	14	1.97	0.2143
v14	Folded F	15	14	2.42	0.1066

v15 Folded F 15 14 2.35 0.1189

Comparison of Groups I and III

-----sex=M day=22-----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	14	4.89	0.0050
v17	Folded F	15	14	1.12	0.8371
v18	Folded F	14	15	1.57	0.3953
v19	Folded F	14	15	1.59	0.3822
v20	Folded F	14	15	1.24	0.6846
v21	Folded F	0	0	.	.
v22	Folded F	14	15	17.10	<.0001
v23	Folded F	14	15	14.00	<.0001

Comparison of Groups I and IV

-----sex=F day=10-----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Mean	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev				
v1	I	16	1.0378	1.1035	1.1692	0.0911	0.1233	0.1908	0.0308	
v1	IV	15	1.0317	1.0909	1.1501	0.0783	0.1069	0.1686	0.0276	
v1	Diff (1-2)		-0.072	0.0126	0.0976	0.0921	0.1157	0.1555	0.0416	
v2	I	16	11.808	12.131	12.455	0.4487	0.6074	0.9401	0.1519	
v2	IV	15	11.763	12.06	12.357	0.3931	0.5369	0.8468	0.1386	
v2	Diff (1-2)		-0.351	0.0712	0.4935	0.4575	0.5745	0.7723	0.2065	
v3	I	16	4.8311	5.0813	5.3314	0.3467	0.4694	0.7264	0.1173	
v3	IV	15	4.7468	4.96	5.1732	0.2819	0.3851	0.6073	0.0994	
v3	Diff (1-2)		-0.195	0.1212	0.4379	0.343	0.4307	0.579	0.1548	
v4	I	16	1067.9	1134	1200.1	91.666	124.09	192.05	31.023	
v4	IV	15	1187.3	1260.8	1334.3	97.123	132.66	209.21	34.252	

v4	Diff (1-2)		-221.1	-126.8	-32.49	102.18	128.3	172.47	46.11
v5	I	15	1088	1155.2	1222.4	88.82	121.32	191.33	31.324
v5	IV	15	1174.2	1246.4	1318.6	95.427	130.34	205.56	33.654
v5	Diff (1-2)		-185.4	-91.2	2.9784	99.921	125.91	170.29	45.976
v6	I	16	1266.8	1332	1397.2	90.4	122.38	189.4	30.594
v6	IV	15	1328	1400	1472	95.242	130.09	205.16	33.589
v6	Diff (1-2)		-160.7	-68	24.733	100.47	126.16	169.6	45.341
v7	I	16	1257.9	1318.5	1379.1	84.026	113.75	176.05	28.437
v7	IV	15	1335	1406.4	1477.8	94.343	128.86	203.23	33.272
v7	Diff (1-2)		-177	-87.9	1.2462	96.587	121.28	163.04	43.587
v8	I	16	1905.3	1983	2060.7	107.72	145.82	225.69	36.455
v8	IV	15	1992.8	2073.6	2154.4	106.84	145.93	230.15	37.679
v8	Diff (1-2)		-197.8	-90.6	16.625	116.18	145.87	196.1	52.427
v9	I	16	1919.6	1978.5	2037.4	81.622	110.49	171.01	27.623
v9	IV	15	1988.6	2070.4	2152.2	108.21	147.8	233.09	38.161
v9	Diff (1-2)		-187.3	-91.9	3.5444	103.41	129.85	174.56	46.667
v10	I	16	310.18	337.88	365.57	38.398	51.981	80.45	12.995
v10	IV	14	287.54	327.07	366.61	49.64	68.473	110.31	18.3
v10	Diff (1-2)		-34.33	10.804	55.934	47.775	60.202	81.421	22.032
v11	I	15	313.07	343.07	373.07	39.663	54.175	85.439	13.988
v11	IV	14	283.51	323.64	363.77	50.387	69.504	111.97	18.576
v11	Diff (1-2)		-27.87	19.424	66.721	49.043	62.031	84.432	23.051
v12	I	15	943.91	996.8	1049.7	69.928	95.513	150.63	24.661
v12	IV	15	891.31	945.6	999.89	71.774	98.036	154.61	25.313
v12	Diff (1-2)		-21.19	51.2	123.59	76.805	96.783	130.89	35.34
v13	I	15	908.99	947.2	985.41	50.52	69.004	108.83	17.817
v13	IV	15	863.15	910.4	957.65	62.465	85.32	134.56	22.03
v13	Diff (1-2)		-21.24	36.8	94.837	61.576	77.592	104.94	28.333
v14	I	15	428.59	472	515.41	57.387	78.384	123.62	20.239
v14	IV	15	444.53	478.4	512.27	44.781	61.166	96.465	15.793
v14	Diff (1-2)		-58.99	-6.4	46.185	55.792	70.304	95.083	25.671
v15	I	15	431.02	467.2	503.38	47.829	65.329	103.03	16.868
v15	IV	15	439.11	465.6	492.09	35.016	47.828	75.43	12.349
v15	Diff (1-2)		-41.22	1.6	44.422	45.433	57.251	77.43	20.905
v16	I	15	482.67	510.4	538.13	36.657	50.07	78.965	12.928
v16	IV	15	443.25	468.8	494.35	33.777	46.135	72.76	11.912

Comparison of Groups I and IV

----- sex=F day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Mean	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean				
v16	Diff (1-2)		5.5906	41.6	77.609	38.205	48.143	65.111	17.579	
v17	I	15	453.02	468.8	484.58	20.861	28.494	44.937	7.357	
v17	IV	15	419.99	436.8	453.61	22.226	30.358	47.877	7.8384	
v17	Diff (1-2)		9.9793	32	54.021	23.363	29.44	39.817	10.75	
v18	I	15	282.71	312	341.29	38.725	52.893	83.418	13.657	
v18	IV	15	261.54	291.2	320.86	39.215	53.563	84.475	13.83	
v18	Diff (1-2)		-19.01	20.8	60.614	42.242	53.229	71.99	19.437	
v19	I	15	255.19	275.2	295.21	26.454	36.133	56.985	9.3295	
v19	IV	15	247.19	267.2	287.21	26.454	36.133	56.985	9.3295	
v19	Diff (1-2)		-19.03	8	35.027	28.674	36.133	48.868	13.194	
v20	I	16	2688.6	2838	2987.4	207.11	280.37	433.92	70.091	
v20	IV	15	2552.5	2691.2	2829.9	183.31	250.38	394.88	64.648	
v20	Diff (1-2)		-48.95	146.8	342.55	212.09	266.31	358.01	95.712	
v21	I	16	36.316	38.625	40.934	3.2015	4.334	6.7077	1.0835	
v21	IV	15	35.253	37.733	40.214	3.2796	4.4796	7.0647	1.1566	
v21	Diff (1-2)		-2.346	0.8917	4.1295	3.5081	4.4049	5.9215	1.5831	
v22	I	0	.	.	.	.	.	.	.
v22	IV	0	.	.	.	.	.	.	.
v22	Diff (1-2)	.	.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	IV	0	.	.	.	.	.	.	.
v23	Diff (1-2)	.	.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	29	0.30	0.7646
v1	Satterthwaite	Unequal	28.8	0.30	0.7635
v2	Pooled	Equal	29	0.35	0.7325
v2	Satterthwaite	Unequal	28.9	0.35	0.7315
v3	Pooled	Equal	29	0.78	0.4398
v3	Satterthwaite	Unequal	28.5	0.79	0.4370
v4	Pooled	Equal	29	-2.75	0.0102

v4	Satterthwaite	Unequal	28.5	-2.74	0.0104
v5	Pooled	Equal	28	-1.98	0.0572
v5	Satterthwaite	Unequal	27.9	-1.98	0.0572
v6	Pooled	Equal	29	-1.50	0.1445
v6	Satterthwaite	Unequal	28.5	-1.50	0.1455
v7	Pooled	Equal	29	-2.02	0.0531
v7	Satterthwaite	Unequal	28	-2.01	0.0544
v8	Pooled	Equal	29	-1.73	0.0946
v8	Satterthwaite	Unequal	28.9	-1.73	0.0947
v9	Pooled	Equal	29	-1.97	0.0585
v9	Satterthwaite	Unequal	25.9	-1.95	0.0620
v10	Pooled	Equal	28	0.49	0.6277

Comparison of Groups I and IV

----- sex=F day=10 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	24.1	0.48	0.6346
v11	Pooled	Equal	27	0.84	0.4068
v11	Satterthwaite	Unequal	24.6	0.84	0.4116
v12	Pooled	Equal	28	1.45	0.1585
v12	Satterthwaite	Unequal	28	1.45	0.1585
v13	Pooled	Equal	28	1.30	0.2046
v13	Satterthwaite	Unequal	26.8	1.30	0.2050
v14	Pooled	Equal	28	-0.25	0.8049
v14	Satterthwaite	Unequal	26.4	-0.25	0.8051
v15	Pooled	Equal	28	0.08	0.9395
v15	Satterthwaite	Unequal	25.7	0.08	0.9396
v16	Pooled	Equal	28	2.37	0.0251
v16	Satterthwaite	Unequal	27.8	2.37	0.0252
v17	Pooled	Equal	28	2.98	0.0060
v17	Satterthwaite	Unequal	27.9	2.98	0.0060
v18	Pooled	Equal	28	1.07	0.2937
v18	Satterthwaite	Unequal	28	1.07	0.2937
v19	Pooled	Equal	28	0.61	0.5492
v19	Satterthwaite	Unequal	28	0.61	0.5492

v20	Pooled	Equal	29	1.53	0.1359
v20	Satterthwaite	Unequal	28.9	1.54	0.1345
v21	Pooled	Equal	29	0.56	0.5776
v21	Satterthwaite	Unequal	28.7	0.56	0.5781
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	14	1.33	0.6003
v2	Folded F	15	14	1.28	0.6497
v3	Folded F	15	14	1.49	0.4653
v4	Folded F	14	15	1.14	0.7980
v5	Folded F	14	14	1.15	0.7921
v6	Folded F	14	15	1.13	0.8143
v7	Folded F	14	15	1.28	0.6363
v8	Folded F	14	15	1.00	0.9929
v9	Folded F	14	15	1.79	0.2756
v10	Folded F	13	15	1.74	0.3061
v11	Folded F	13	14	1.65	0.3665
v12	Folded F	14	14	1.05	0.9237
v13	Folded F	14	14	1.53	0.4370
v14	Folded F	14	14	1.64	0.3644
v15	Folded F	14	14	1.87	0.2555

Comparison of Groups I and IV

----- sex=F day=10 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	14	14	1.18	0.7637
v17	Folded F	14	14	1.14	0.8159

v18	Folded F	14	14	1.03	0.9631
v19	Folded F	14	14	1.00	1.0000
v20	Folded F	15	14	1.25	0.6774
v21	Folded F	14	15	1.07	0.8968
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and IV

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL	Upper CL	Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean						
v1	I	16	1.6625	1.7031	1.7438	0.0564	0.0763	0.1181	0.0191			
v1	IV	16	1.7349	1.765	1.7951	0.0418	0.0565	0.0875	0.0141			
v1	Diff (1-2)		-0.11	-0.062	-0.013	0.0537	0.0672	0.0898	0.0237			
v2	I	16	13.854	14.031	14.208	0.2453	0.3321	0.514	0.083			
v2	IV	16	14.137	14.306	14.475	0.2343	0.3172	0.491	0.0793			
v2	Diff (1-2)		-0.509	-0.275	-0.041	0.2595	0.3247	0.4341	0.1148			
v3	I	16	6.7363	6.8938	7.0512	0.2183	0.2955	0.4573	0.0739			
v3	IV	16	6.8674	6.9625	7.0576	0.1318	0.1784	0.2761	0.0446			
v3	Diff (1-2)		-0.245	-0.069	0.1075	0.195	0.2441	0.3262	0.0863			
v4	I	16	1827.7	1876.5	1925.3	67.655	91.586	141.75	22.897			
v4	IV	16	1783.3	1824	1864.7	56.436	76.399	118.24	19.1			
v4	Diff (1-2)		-8.394	52.5	113.39	67.393	84.335	112.73	29.817			
v5	I	16	1799.5	1848	1896.5	67.277	91.074	140.95	22.768			
v5	IV	15	1790.5	1844.8	1899.1	71.795	98.064	154.66	25.32			
v5	Diff (1-2)		-66.27	3.2	72.672	75.271	94.513	127.05	33.968			
v6	I	16	1811.6	1854	1896.4	58.8	79.599	123.19	19.9			
v6	IV	16	1782.2	1824	1865.8	57.902	78.384	121.31	19.596			
v6	Diff (1-2)		-27.04	30	87.038	63.125	78.994	105.59	27.928			
v7	I	16	1780.8	1833	1885.2	72.342	97.931	151.57	24.483			
v7	IV	16	1770.7	1821	1871.3	69.686	94.336	146	23.584			
v7	Diff (1-2)		-57.43	12	81.425	76.835	96.15	128.52	33.994			
v8	I	16	2918.8	2991	3063.2	100.05	135.45	209.63	33.861			
v8	IV	16	2717.1	2790	2862.9	101.02	136.75	211.65	34.188			
v8	Diff (1-2)		102.73	201	299.27	108.76	136.1	181.92	48.119			

v9	I	16	2902.9	2985	3067.1	113.77	154.02	238.37	38.505
v9	IV	16	2709.9	2784	2858.1	102.77	139.12	215.31	34.779
v9	Diff (1-2)		95.034	201	306.97	117.28	146.76	196.17	51.886
v10	I	16	197.53	218.38	239.22	28.891	39.11	60.53	9.7775
v10	IV	16	200.34	216.5	232.66	22.408	30.334	46.947	7.5834
v10	Diff (1-2)		-23.4	1.875	27.145	27.967	34.998	46.781	12.374
v11	I	16	195.95	220.19	244.42	33.596	45.48	70.389	11.37
v11	IV	16	199.44	217.25	235.06	24.696	33.432	51.742	8.3579
v11	Diff (1-2)		-25.88	2.9375	31.757	31.895	39.913	53.351	14.111
v12	I	16	1350.7	1402.5	1454.3	71.788	97.18	150.41	24.295
v12	IV	15	1373.2	1409.6	1446	48.105	65.706	103.62	16.965
v12	Diff (1-2)		-68.46	-7.1	54.263	66.485	83.481	112.22	30.003
v13	I	15	1341.7	1398.4	1455.1	74.98	102.41	161.52	26.443
v13	IV	16	1405.7	1438.5	1471.3	45.532	61.638	95.396	15.409
v13	Diff (1-2)		-101.7	-40.1	21.524	66.768	83.837	112.7	30.131
v14	I	16	775.69	802.5	829.31	37.171	50.319	77.878	12.58
v14	IV	16	773.96	798	822.04	33.325	45.113	69.821	11.278
v14	Diff (1-2)		-30	4.5	39.005	38.187	47.787	63.876	16.895
v15	I	16	744.44	781.5	818.56	51.371	69.541	107.63	17.385
v15	IV	16	803.84	823.5	843.16	27.25	36.889	57.093	9.2223
v15	Diff (1-2)		-82.19	-42	-1.808	44.481	55.663	74.404	19.68
v16	I	16	571.48	597	622.52	35.384	47.9	74.134	11.975
v16	IV	16	569.68	586.5	603.32	23.313	31.559	48.844	7.8899

Comparison of Groups I and IV

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL					
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-18.79	10.5	39.787	32.413	40.561	54.217	14.341
v17	I	15	589.85	612.8	635.75	30.337	41.437	65.35	10.699
v17	IV	16	568.75	588	607.25	26.692	36.133	55.923	9.0333
v17	Diff (1-2)		-3.708	24.8	53.308	30.888	38.784	52.138	13.939
v18	I	16	439.36	463.5	487.64	33.463	45.299	70.109	11.325
v18	IV	16	434.99	453	471.01	24.968	33.799	52.311	8.4499
v18	Diff (1-2)		-18.36	10.5	39.357	31.936	39.965	53.42	14.13

v19	I	16	446.87	483	519.13	50.093	67.812	104.95	16.953
v19	IV	16	438.69	454.5	470.31	21.923	29.678	45.933	7.4196
v19	Diff (1-2)		-9.293	28.5	66.293	41.826	52.341	69.963	18.505
v20	I	16	4554.9	4692	4829.1	190.07	257.3	398.22	64.324
v20	IV	16	4945.8	5028	5110.2	113.98	154.3	238.81	38.575
v20	Diff (1-2)		-489.2	-336	-182.8	169.53	212.14	283.57	75.004
v21	I	0	.	.	.	.	.	.	.
v21	IV	0	.	.	.	.	.	.	.
v21	Diff (1-2)		.	.	.	.	.	.	.
v22	I	16	178.67	192.69	206.7	19.426	26.298	40.701	6.5744
v22	IV	16	208.13	226.31	244.49	25.205	34.121	52.808	8.5302
v22	Diff (1-2)		-55.62	-33.63	-11.63	24.342	30.461	40.717	10.77
v23	I	16	176.97	192.63	208.28	21.696	29.371	45.457	7.3427
v23	IV	16	205.87	225.69	245.5	27.47	37.187	57.554	9.2968
v23	Diff (1-2)		-57.26	-33.06	-8.868	26.776	33.508	44.789	11.847

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	-2.61	0.0141
v1	Satterthwaite	Unequal	27.7	-2.61	0.0146
v2	Pooled	Equal	30	-2.40	0.0231
v2	Satterthwaite	Unequal	29.9	-2.40	0.0231
v3	Pooled	Equal	30	-0.80	0.4318
v3	Satterthwaite	Unequal	24.7	-0.80	0.4332
v4	Pooled	Equal	30	1.76	0.0885
v4	Satterthwaite	Unequal	29.1	1.76	0.0888
v5	Pooled	Equal	29	0.09	0.9256
v5	Satterthwaite	Unequal	28.4	0.09	0.9258
v6	Pooled	Equal	30	1.07	0.2913
v6	Satterthwaite	Unequal	30	1.07	0.2913
v7	Pooled	Equal	30	0.35	0.7266
v7	Satterthwaite	Unequal	30	0.35	0.7266
v8	Pooled	Equal	30	4.18	0.0002
v8	Satterthwaite	Unequal	30	4.18	0.0002
v9	Pooled	Equal	30	3.87	0.0005
v9	Satterthwaite	Unequal	29.7	3.87	0.0005
v10	Pooled	Equal	30	0.15	0.8806

Comparison of Groups I and IV

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	28.3	0.15	0.8806
v11	Pooled	Equal	30	0.21	0.8365
v11	Satterthwaite	Unequal	27.5	0.21	0.8366
v12	Pooled	Equal	29	-0.24	0.8146
v12	Satterthwaite	Unequal	26.5	-0.24	0.8125
v13	Pooled	Equal	29	-1.33	0.1936
v13	Satterthwaite	Unequal	22.7	-1.31	0.2032
v14	Pooled	Equal	30	0.27	0.7918
v14	Satterthwaite	Unequal	29.6	0.27	0.7918
v15	Pooled	Equal	30	-2.13	0.0411
v15	Satterthwaite	Unequal	22.8	-2.13	0.0438
v16	Pooled	Equal	30	0.73	0.4697
v16	Satterthwaite	Unequal	26	0.73	0.4706
v17	Pooled	Equal	29	1.78	0.0857
v17	Satterthwaite	Unequal	27.9	1.77	0.0875
v18	Pooled	Equal	30	0.74	0.4632
v18	Satterthwaite	Unequal	27.7	0.74	0.4637
v19	Pooled	Equal	30	1.54	0.1340
v19	Satterthwaite	Unequal	20.5	1.54	0.1388
v20	Pooled	Equal	30	-4.48	0.0001
v20	Satterthwaite	Unequal	24.6	-4.48	0.0001
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	30	-3.12	0.0040
v22	Satterthwaite	Unequal	28.2	-3.12	0.0041
v23	Pooled	Equal	30	-2.79	0.0091
v23	Satterthwaite	Unequal	28.5	-2.79	0.0093

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
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v1	Folded F	15	15	1.82	0.2568
v2	Folded F	15	15	1.10	0.8613
v3	Folded F	15	15	2.74	0.0597
v4	Folded F	15	15	1.44	0.4910
v5	Folded F	14	15	1.16	0.7773
v6	Folded F	15	15	1.03	0.9533
v7	Folded F	15	15	1.08	0.8867
v8	Folded F	15	15	1.02	0.9709
v9	Folded F	15	15	1.23	0.6986
v10	Folded F	15	15	1.66	0.3356
v11	Folded F	15	15	1.85	0.2447
v12	Folded F	15	14	2.19	0.1516
v13	Folded F	14	15	2.76	0.0604
v14	Folded F	15	15	1.24	0.6777
v15	Folded F	15	15	3.55	0.0192

Comparison of Groups I and IV

----- sex=F day=22 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	15	2.30	0.1170
v17	Folded F	14	15	1.32	0.6041
v18	Folded F	15	15	1.80	0.2680
v19	Folded F	15	15	5.22	0.0028
v20	Folded F	15	15	2.78	0.0564
v21	Folded F	0	0	.	.
v22	Folded F	15	15	1.68	0.3239
v23	Folded F	15	15	1.60	0.3709

Comparison of Groups I and IV

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL					
			Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err	
v1	I	14	1.0419	1.1041	1.1664	0.0782	0.1079	0.1738	0.0288	
v1	IV	16	1.0726	1.1198	1.167	0.0655	0.0886	0.1372	0.0222	
v1	Diff (1-2)		-0.089	-0.016	0.0578	0.0778	0.098	0.1326	0.0359	
v2	I	14	11.605	11.879	12.152	0.3438	0.4742	0.764	0.1267	
v2	IV	16	12.012	12.175	12.338	0.2265	0.3066	0.4745	0.0766	
v2	Diff (1-2)		-0.591	-0.296	-0.002	0.3122	0.3934	0.5321	0.144	
v3	I	14	4.7372	4.9286	5.12	0.2403	0.3315	0.5341	0.0886	
v3	IV	16	4.8624	5	5.1376	0.1907	0.2582	0.3996	0.0645	
v3	Diff (1-2)		-0.292	-0.071	0.1493	0.2337	0.2945	0.3983	0.1078	
v4	I	14	1021.8	1081.7	1141.6	75.212	103.75	167.14	27.728	
v4	IV	16	1167	1224	1281	79.021	106.97	165.56	26.743	
v4	Diff (1-2)		-221.4	-142.3	-63.21	83.713	105.49	142.67	38.605	
v5	I	14	1054.8	1114.3	1173.8	74.669	103	165.93	27.527	
v5	IV	16	1204.1	1246.5	1288.9	58.789	79.584	123.17	19.896	
v5	Diff (1-2)		-200.6	-132.2	-63.84	72.379	91.205	123.35	33.378	
v6	I	14	1228.5	1272	1315.5	54.595	75.309	121.33	20.127	
v6	IV	16	1338.2	1380	1421.8	57.902	78.384	121.31	19.596	
v6	Diff (1-2)		-165.7	-108	-50.3	61.083	76.971	104.1	28.169	
v7	I	13	1212	1284.9	1357.8	86.512	120.64	199.15	33.461	
v7	IV	16	1359.4	1398	1436.6	53.579	72.531	112.26	18.133	
v7	Diff (1-2)		-187.3	-113.1	-38.83	76.619	96.91	131.91	36.186	
v8	I	13	1900.3	2001.2	2102.2	119.76	167.01	275.69	46.32	
v8	IV	16	2038.7	2077.5	2116.3	53.762	72.779	112.64	18.195	
v8	Diff (1-2)		-171.2	-76.27	18.618	97.919	123.85	168.58	46.245	
v9	I	14	1925.1	2002.3	2079.5	96.924	133.7	215.39	35.732	
v9	IV	16	2067.2	2104.5	2141.8	51.676	69.954	108.27	17.489	
v9	Diff (1-2)		-180.6	-102.2	-23.88	82.931	104.5	141.33	38.244	
v10	I	13	285.49	307.31	329.13	25.895	36.112	59.611	10.016	
v10	IV	16	346.78	374.44	402.09	38.336	51.896	80.319	12.974	
v10	Diff (1-2)		-102	-67.13	-32.22	36.021	45.561	62.015	17.012	
v11	I	14	288.28	316.29	344.29	35.167	48.509	78.15	12.965	
v11	IV	16	358.61	390.5	422.39	44.213	59.852	92.632	14.963	
v11	Diff (1-2)		-115.4	-74.21	-33.08	43.55	54.878	74.22	20.083	
v12	I	14	875.98	925.71	975.44	62.44	86.13	138.76	23.019	
v12	IV	16	958.8	1005	1051.2	64.045	86.699	134.18	21.675	
v12	Diff (1-2)		-144.1	-79.29	-14.49	68.593	86.436	116.9	31.632	
v13	I	14	896.87	927.43	957.99	38.367	52.923	85.262	14.144	

v13	IV	16	913.64	949.5	985.36	49.712	67.296	104.15	16.824
v13	Diff (1-2)		-67.83	-22.07	23.691	48.444	61.045	82.561	22.34
v14	I	14	420.16	449.14	478.12	36.387	50.192	80.861	13.414
v14	IV	16	458.88	493.5	528.12	47.996	64.974	100.56	16.243
v14	Diff (1-2)		-88.27	-44.36	-0.446	46.485	58.576	79.222	21.437
v15	I	14	431.62	452.57	473.52	26.305	36.285	58.456	9.6975
v15	IV	16	445.4	474	502.6	39.643	53.666	83.058	13.416
v15	Diff (1-2)		-56.22	-21.43	13.364	36.832	46.413	62.771	16.985
v16	I	14	442.65	468	493.35	31.827	43.902	70.728	11.733
v16	IV	16	486.18	507	527.82	28.861	39.069	60.467	9.7673

Comparison of Groups I and IV

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL		Lower CL		Upper CL	
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-70.02	-39	-7.977	32.841	41.383	55.969	15.145
v17	I	14	439.89	473.14	506.4	41.751	57.591	92.782	15.392
v17	IV	16	456.33	471	485.67	20.343	27.539	42.622	6.8848
v17	Diff (1-2)		-30.93	2.1429	35.214	35.009	44.116	59.664	16.145
v18	I	14	266.61	291.43	316.25	31.167	42.991	69.261	11.49
v18	IV	16	292.64	321	349.36	39.311	53.217	82.363	13.304
v18	Diff (1-2)		-66.11	-29.57	6.9636	38.676	48.737	65.914	17.836
v19	I	14	259.19	274.29	289.38	18.955	26.146	42.122	6.9878
v19	IV	16	270.09	282	293.91	16.505	22.343	34.58	5.5857
v19	Diff (1-2)		-25.84	-7.714	10.414	19.191	24.183	32.706	8.8501
v20	I	14	2686.3	2821.7	2957.1	170.02	234.53	377.84	62.681
v20	IV	16	2727.8	2829	2930.2	140.33	189.96	294.01	47.491
v20	Diff (1-2)		-166.1	-7.286	151.51	168.1	211.83	286.48	77.52
v21	I	14	33.349	36.071	38.793	3.4177	4.7144	7.595	1.26
v21	IV	16	35.916	38.125	40.334	3.0621	4.1453	6.4156	1.0363
v21	Diff (1-2)		-5.366	-2.054	1.2588	3.5065	4.4186	5.976	1.6171
v22	I	0	.	.	.	.	.	.	.
v22	IV	0	.	.	.	.	.	.	.
v22	Diff (1-2)	.	.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.

v23 IV 0
v23 Diff (1-2)

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	28	-0.44	0.6656
v1	Satterthwaite	Unequal	25.3	-0.43	0.6701
v2	Pooled	Equal	28	-2.06	0.0489
v2	Satterthwaite	Unequal	21.7	-2.00	0.0580
v3	Pooled	Equal	28	-0.66	0.5129
v3	Satterthwaite	Unequal	24.5	-0.65	0.5207
v4	Pooled	Equal	28	-3.69	0.0010
v4	Satterthwaite	Unequal	27.7	-3.69	0.0010
v5	Pooled	Equal	28	-3.96	0.0005
v5	Satterthwaite	Unequal	24.4	-3.89	0.0007
v6	Pooled	Equal	28	-3.83	0.0007
v6	Satterthwaite	Unequal	27.7	-3.84	0.0006
v7	Pooled	Equal	27	-3.12	0.0042
v7	Satterthwaite	Unequal	18.8	-2.97	0.0079
v8	Pooled	Equal	27	-1.65	0.1107
v8	Satterthwaite	Unequal	15.7	-1.53	0.1453
v9	Pooled	Equal	28	-2.67	0.0124
v9	Satterthwaite	Unequal	19	-2.57	0.0188
v10	Pooled	Equal	27	-3.95	0.0005

Comparison of Groups I and IV

----- sex=M day=10 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	26.5	-4.10	0.0004
v11	Pooled	Equal	28	-3.70	0.0009
v11	Satterthwaite	Unequal	27.9	-3.75	0.0008
v12	Pooled	Equal	28	-2.51	0.0183

v12	Satterthwaite	Unequal	27.5	-2.51	0.0183
v13	Pooled	Equal	28	-0.99	0.3316
v13	Satterthwaite	Unequal	27.7	-1.00	0.3240
v14	Pooled	Equal	28	-2.07	0.0479
v14	Satterthwaite	Unequal	27.6	-2.11	0.0445
v15	Pooled	Equal	28	-1.26	0.2175
v15	Satterthwaite	Unequal	26.4	-1.29	0.2067
v16	Pooled	Equal	28	-2.58	0.0156
v16	Satterthwaite	Unequal	26.3	-2.55	0.0168
v17	Pooled	Equal	28	0.13	0.8954
v17	Satterthwaite	Unequal	18.1	0.13	0.9003
v18	Pooled	Equal	28	-1.66	0.1085
v18	Satterthwaite	Unequal	27.8	-1.68	0.1037
v19	Pooled	Equal	28	-0.87	0.3908
v19	Satterthwaite	Unequal	25.8	-0.86	0.3965
v20	Pooled	Equal	28	-0.09	0.9258
v20	Satterthwaite	Unequal	25.1	-0.09	0.9269
v21	Pooled	Equal	28	-1.27	0.2146
v21	Satterthwaite	Unequal	26.2	-1.26	0.2192
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	13	15	1.48	0.4636
v2	Folded F	13	15	2.39	0.1088
v3	Folded F	13	15	1.65	0.3525
v4	Folded F	15	13	1.06	0.9209
v5	Folded F	13	15	1.67	0.3376
v6	Folded F	15	13	1.08	0.8937
v7	Folded F	12	15	2.77	0.0657
v8	Folded F	12	15	5.27	0.0034
v9	Folded F	13	15	3.65	0.0190
v10	Folded F	15	12	2.07	0.2115
v11	Folded F	15	13	1.52	0.4527
v12	Folded F	15	13	1.01	0.9910

v13	Folded F	15	13	1.62	0.3904
v14	Folded F	15	13	1.68	0.3561
v15	Folded F	15	13	2.19	0.1639

Comparison of Groups I and IV

----- sex=M day=10 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	13	15	1.26	0.6591
v17	Folded F	13	15	4.37	0.0080
v18	Folded F	15	13	1.53	0.4457
v19	Folded F	13	15	1.37	0.5551
v20	Folded F	13	15	1.52	0.4316
v21	Folded F	13	15	1.29	0.6275
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and IV

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL					
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v1	I	16	1.7413	1.775	1.8087	0.0467	0.0632	0.0979	0.0158
v1	IV	16	1.806	1.8316	1.8572	0.0355	0.0481	0.0744	0.012
v1	Diff (1-2)		-0.097	-0.057	-0.016	0.0449	0.0562	0.0751	0.0199
v2	I	16	14.127	14.256	14.385	0.1789	0.2421	0.3747	0.0605
v2	IV	16	14.206	14.363	14.519	0.2173	0.2941	0.4552	0.0735
v2	Diff (1-2)		-0.301	-0.106	0.0883	0.2153	0.2694	0.3601	0.0952
v3	I	16	6.8587	7.0063	7.1538	0.2045	0.2768	0.4284	0.0692
v3	IV	16	6.9372	7.0688	7.2003	0.1824	0.2469	0.3821	0.0617
v3	Diff (1-2)		-0.252	-0.063	0.1269	0.2096	0.2623	0.3506	0.0927

v4	I	16	1776.2	1815	1853.8	53.726	72.73	112.56	18.182
v4	IV	16	1822.9	1858.5	1894.1	49.289	66.723	103.27	16.681
v4	Diff (1-2)		-93.89	-43.5	6.8928	55.771	69.791	93.288	24.675
v5	I	16	1732.1	1767	1801.9	48.391	65.507	101.38	16.377
v5	IV	16	1792.3	1828.5	1864.7	50.236	68.006	105.25	17.001
v5	Diff (1-2)		-109.7	-61.5	-13.29	53.355	66.768	89.247	23.606
v6	I	16	1794.6	1834.5	1874.4	55.299	74.86	115.86	18.715
v6	IV	16	1832.8	1860	1887.2	37.748	51.1	79.087	12.775
v6	Diff (1-2)		-71.78	-25.5	20.777	51.216	64.091	85.668	22.659
v7	I	16	1741	1774.5	1808	46.443	62.871	97.305	15.718
v7	IV	16	1795.3	1815	1834.7	27.37	37.051	57.344	9.2628
v7	Diff (1-2)		-77.76	-40.5	-3.24	41.236	51.602	68.975	18.244
v8	I	16	2743.3	2820	2896.7	106.37	144	222.87	36
v8	IV	16	2743.9	2832	2920.1	122.15	165.35	255.91	41.338
v8	Diff (1-2)		-123.9	-12	99.949	123.9	155.04	207.24	54.816
v9	I	16	2786.8	2862	2937.2	104.28	141.17	218.49	35.293
v9	IV	16	2732.1	2814	2895.9	113.52	153.67	237.84	38.419
v9	Diff (1-2)		-58.54	48	154.54	117.91	147.56	197.23	52.169
v10	I	16	200.63	223.81	247	32.144	43.514	67.347	10.879
v10	IV	16	188.27	207.06	225.85	26.045	35.258	54.569	8.8145
v10	Diff (1-2)		-11.84	16.75	45.345	31.646	39.602	52.935	14.001
v11	I	16	200.86	232.81	264.77	44.298	59.967	92.81	14.992
v11	IV	16	176.31	196.88	217.44	28.512	38.597	59.736	9.6492
v11	Diff (1-2)		-0.473	35.938	72.348	40.297	50.427	67.404	17.829
v12	I	16	1355.5	1396.5	1437.5	56.887	77.009	119.19	19.252
v12	IV	16	1380.9	1422	1463.1	56.99	77.149	119.4	19.287
v12	Diff (1-2)		-81.16	-25.5	30.155	61.595	77.079	103.03	27.252
v13	I	16	1318.8	1365	1411.2	64.045	86.699	134.18	21.675
v13	IV	16	1400.7	1443	1485.3	58.577	79.297	122.73	19.824
v13	Diff (1-2)		-138	-78	-18.01	66.391	83.081	111.05	29.373
v14	I	16	761.74	792	822.26	41.954	56.794	87.9	14.199
v14	IV	16	787.43	817.5	847.57	41.688	56.434	87.342	14.109
v14	Diff (1-2)		-66.38	-25.5	15.379	45.241	56.614	75.675	20.016
v15	I	16	746.82	775.5	804.18	39.759	53.822	83.3	13.455
v15	IV	15	783.65	814.4	845.15	40.651	55.525	87.568	14.336
v15	Diff (1-2)		-79.07	-38.9	1.2709	43.524	54.65	73.467	19.641
v16	I	16	556.65	595.5	634.35	53.86	72.911	112.84	18.228
v16	IV	16	562.24	583.5	604.76	29.467	39.89	61.737	9.9725

Comparison of Groups I and IV

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL		Lower CL		Upper CL	
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-30.43	12	54.433	46.962	58.767	78.553	20.777
v17	I	16	547.82	564	580.18	22.426	30.358	46.985	7.5895
v17	IV	15	570.64	587.2	603.76	21.893	29.903	47.16	7.7208
v17	Diff (1-2)		-45.35	-23.2	-1.046	24.003	30.139	40.516	10.832
v18	I	16	435.64	456	476.36	28.218	38.199	59.121	9.5499
v18	IV	16	437.98	457.5	477.02	27.057	36.628	56.689	9.157
v18	Diff (1-2)		-28.52	-1.5	25.521	29.904	37.422	50.021	13.231
v19	I	16	468.86	484.5	500.14	21.683	29.353	45.429	7.3383
v19	IV	16	454.91	471	487.09	22.308	30.199	46.739	7.5498
v19	Diff (1-2)		-8.002	13.5	35.002	23.797	29.779	39.805	10.529
v20	I	16	4361.3	4479	4596.7	163.12	220.81	341.75	55.203
v20	IV	16	4722.3	4881	5039.7	220	297.82	460.93	74.454
v20	Diff (1-2)		-591.3	-402	-212.7	209.49	262.16	350.42	92.687
v21	I	0	.	.	.	.	.	.	.
v21	IV	0	.	.	.	.	.	.	.
v21	Diff (1-2)	.	.	.	.	.	.	.	.
v22	I	16	175.27	187.75	200.23	17.302	23.422	36.25	5.8556
v22	IV	16	216.26	253.19	290.11	51.187	69.293	107.24	17.323
v22	Diff (1-2)		-102.8	-65.44	-28.09	41.331	51.721	69.134	18.286
v23	I	16	177.85	190.25	202.65	17.195	23.277	36.025	5.8191
v23	IV	16	207.53	241.75	275.97	47.436	64.215	99.385	16.054
v23	Diff (1-2)		-86.37	-51.5	-16.63	38.595	48.298	64.558	17.076

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	-2.85	0.0079
v1	Satterthwaite	Unequal	28	-2.85	0.0081
v2	Pooled	Equal	30	-1.12	0.2734
v2	Satterthwaite	Unequal	28.9	-1.12	0.2738
v3	Pooled	Equal	30	-0.67	0.5055

v3	Satterthwaite	Unequal	29.6	-0.67	0.5055
v4	Pooled	Equal	30	-1.76	0.0881
v4	Satterthwaite	Unequal	29.8	-1.76	0.0882
v5	Pooled	Equal	30	-2.61	0.0142
v5	Satterthwaite	Unequal	30	-2.61	0.0142
v6	Pooled	Equal	30	-1.13	0.2694
v6	Satterthwaite	Unequal	26.5	-1.13	0.2705
v7	Pooled	Equal	30	-2.22	0.0341
v7	Satterthwaite	Unequal	24.3	-2.22	0.0360
v8	Pooled	Equal	30	-0.22	0.8282
v8	Satterthwaite	Unequal	29.4	-0.22	0.8282
v9	Pooled	Equal	30	0.92	0.3649
v9	Satterthwaite	Unequal	29.8	0.92	0.3649
v10	Pooled	Equal	30	1.20	0.2409

Comparison of Groups I and IV

----- sex=M day=22 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	28.8	1.20	0.2413
v11	Pooled	Equal	30	2.02	0.0529
v11	Satterthwaite	Unequal	25.6	2.02	0.0544
v12	Pooled	Equal	30	-0.94	0.3569
v12	Satterthwaite	Unequal	30	-0.94	0.3569
v13	Pooled	Equal	30	-2.66	0.0126
v13	Satterthwaite	Unequal	29.8	-2.66	0.0126
v14	Pooled	Equal	30	-1.27	0.2125
v14	Satterthwaite	Unequal	30	-1.27	0.2125
v15	Pooled	Equal	29	-1.98	0.0572
v15	Satterthwaite	Unequal	28.7	-1.98	0.0575
v16	Pooled	Equal	30	0.58	0.5679
v16	Satterthwaite	Unequal	23.2	0.58	0.5691
v17	Pooled	Equal	29	-2.14	0.0407
v17	Satterthwaite	Unequal	28.9	-2.14	0.0407
v18	Pooled	Equal	30	-0.11	0.9105
v18	Satterthwaite	Unequal	29.9	-0.11	0.9105

v19	Pooled	Equal	30	1.28	0.2096
v19	Satterthwaite	Unequal	30	1.28	0.2096
v20	Pooled	Equal	30	-4.34	0.0002
v20	Satterthwaite	Unequal	27.7	-4.34	0.0002
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	30	-3.58	0.0012
v22	Satterthwaite	Unequal	18.4	-3.58	0.0021
v23	Pooled	Equal	30	-3.02	0.0052
v23	Satterthwaite	Unequal	18.9	-3.02	0.0071

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	15	1.73	0.2983
v2	Folded F	15	15	1.48	0.4602
v3	Folded F	15	15	1.26	0.6634
v4	Folded F	15	15	1.19	0.7428
v5	Folded F	15	15	1.08	0.8866
v6	Folded F	15	15	2.15	0.1505
v7	Folded F	15	15	2.88	0.0488
v8	Folded F	15	15	1.32	0.5990
v9	Folded F	15	15	1.18	0.7467
v10	Folded F	15	15	1.52	0.4246
v11	Folded F	15	15	2.41	0.0984
v12	Folded F	15	15	1.00	0.9945
v13	Folded F	15	15	1.20	0.7341
v14	Folded F	15	15	1.01	0.9807
v15	Folded F	14	15	1.06	0.9024

Comparison of Groups I and IV

-----sex=M day=22-----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
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v16	Folded F	15	15	3.34	0.0255
v17	Folded F	15	14	1.03	0.9598
v18	Folded F	15	15	1.09	0.8729
v19	Folded F	15	15	1.06	0.9138
v20	Folded F	15	15	1.82	0.2579
v21	Folded F	0	0	.	.
v22	Folded F	15	15	8.75	<.0001
v23	Folded F	15	15	7.61	0.0003

Comparison of Groups I and V

----- sex=F day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL Mean	Std Dev	Upper CL Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean					
v1	I	16	1.0378	1.1035	1.1692	0.0911	0.1233	0.1908	0.0308		
v1	V	15	1.0274	1.0813	1.1353	0.0713	0.0974	0.1536	0.0252		
v1	Diff (1-2)		-0.06	0.0222	0.1041	0.0888	0.1115	0.1499	0.0401		
v2	I	16	11.808	12.131	12.455	0.4487	0.6074	0.9401	0.1519		
v2	V	15	11.856	12.12	12.384	0.3491	0.4769	0.7521	0.1231		
v2	Diff (1-2)		-0.392	0.0112	0.4143	0.4367	0.5483	0.7371	0.1971		
v3	I	16	4.8311	5.0813	5.3314	0.3467	0.4694	0.7264	0.1173		
v3	V	15	4.7476	4.9	5.0524	0.2015	0.2752	0.434	0.071		
v3	Diff (1-2)		-0.104	0.1813	0.4664	0.309	0.3879	0.5215	0.1394		
v4	I	16	1067.9	1134	1200.1	91.666	124.09	192.05	31.023		
v4	V	15	1087.3	1147.2	1207.1	79.195	108.17	170.6	27.93		
v4	Diff (1-2)		-98.96	-13.2	72.563	92.922	116.68	156.85	41.933		
v5	I	15	1088	1155.2	1222.4	88.82	121.32	191.33	31.324		
v5	V	15	1128.5	1196.8	1265.1	90.298	123.34	194.51	31.845		
v5	Diff (1-2)		-133.1	-41.6	49.901	97.08	122.33	165.45	44.669		
v6	I	16	1266.8	1332	1397.2	90.4	122.38	189.4	30.594		
v6	V	15	1277.9	1356.8	1435.7	104.35	142.53	224.78	36.8		
v6	Diff (1-2)		-122.2	-24.8	72.585	105.51	132.49	178.1	47.615		
v7	I	16	1257.9	1318.5	1379.1	84.026	113.75	176.05	28.437		
v7	V	15	1256	1336	1416	105.77	144.48	227.85	37.303		
v7	Diff (1-2)		-112.7	-17.5	77.685	103.13	129.5	174.08	46.54		
v8	I	16	1905.3	1983	2060.7	107.72	145.82	225.69	36.455		

v8	V	15	1952.9	1995.2	2037.5	55.907	76.363	120.43	19.717
v8	Diff (1-2)		-98.59	-12.2	74.192	93.603	117.53	158	42.241
v9	I	16	1919.6	1978.5	2037.4	81.622	110.49	171.01	27.623
v9	V	15	1991.6	2044.8	2098	70.347	96.086	151.54	24.809
v9	Diff (1-2)		-142.6	-66.3	9.9894	82.657	103.79	139.52	37.301
v10	I	16	310.18	337.88	365.57	38.398	51.981	80.45	12.995
v10	V	15	257.43	291.2	324.97	44.64	60.973	96.161	15.743
v10	Diff (1-2)		5.144	46.675	88.206	44.998	56.501	75.955	20.306
v11	I	15	313.07	343.07	373.07	39.663	54.175	85.439	13.988
v11	V	15	266.77	298.27	329.76	41.636	56.87	89.69	14.684
v11	Diff (1-2)		3.2584	44.8	86.342	44.075	55.539	75.114	20.28
v12	I	15	943.91	996.8	1049.7	69.928	95.513	150.63	24.661
v12	V	15	892.54	937.6	982.66	59.574	81.371	128.33	21.01
v12	Diff (1-2)		-7.163	59.2	125.56	70.41	88.724	120	32.398
v13	I	15	908.99	947.2	985.41	50.52	69.004	108.83	17.817
v13	V	14	877.56	922.29	967.01	56.157	77.463	124.8	20.703
v13	Diff (1-2)		-30.9	24.914	80.728	57.873	73.199	99.634	27.202
v14	I	15	428.59	472	515.41	57.387	78.384	123.62	20.239
v14	V	15	425.64	457.6	489.56	42.247	57.705	91.006	14.899
v14	Diff (1-2)		-37.08	14.4	65.879	54.618	68.825	93.083	25.131
v15	I	15	431.02	467.2	503.38	47.829	65.329	103.03	16.868
v15	V	14	428.91	461.14	493.38	40.477	55.833	89.95	14.922
v15	Diff (1-2)		-40.41	6.0571	52.524	48.182	60.942	82.95	22.647
v16	I	15	482.67	510.4	538.13	36.657	50.07	78.965	12.928
v16	V	15	456.95	475.2	493.45	24.129	32.957	51.977	8.5095

Comparison of Groups I and V

----- sex=F day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev				
v16	Diff (1-2)		3.4965	35.2	66.904	33.637	42.386	57.325	15.477	
v17	I	15	453.02	468.8	484.58	20.861	28.494	44.937	7.357	
v17	V	14	430.93	452.57	474.22	27.175	37.486	60.391	10.019	
v17	Diff (1-2)		-9.032	16.229	41.489	26.193	33.129	45.093	12.311	
v18	I	15	282.71	312	341.29	38.725	52.893	83.418	13.657	

v18	V	15	262.4	291.2	320	38.074	52.004	82.016	13.427
v18	Diff (1-2)		-18.43	20.8	60.032	41.624	52.451	70.937	19.152
v19	I	15	255.19	275.2	295.21	26.454	36.133	56.985	9.3295
v19	V	14	253	282.86	312.72	37.49	51.713	83.313	13.821
v19	Diff (1-2)		-41.45	-7.657	26.139	35.043	44.324	60.331	16.471
v20	I	16	2688.6	2838	2987.4	207.11	280.37	433.92	70.091
v20	V	15	2706.7	2848	2989.3	186.74	255.07	402.27	65.859
v20	Diff (1-2)		-207.3	-10	187.33	213.8	268.45	360.88	96.481
v21	I	16	36.316	38.625	40.934	3.2015	4.334	6.7077	1.0835
v21	V	15	34.684	36.6	38.516	2.5331	3.46	5.4567	0.8934
v21	Diff (1-2)		-0.868	2.025	4.9184	3.1349	3.9363	5.2917	1.4147
v22	I	0	.	.	.	.	.	.	.
v22	V	0	.	.	.	.	.	.	.
v22	Diff (1-2)		.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	V	0	.	.	.	.	.	.	.
v23	Diff (1-2)		.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	29	0.55	0.5845
v1	Satterthwaite	Unequal	28.2	0.56	0.5817
v2	Pooled	Equal	29	0.06	0.9549
v2	Satterthwaite	Unequal	28.2	0.06	0.9545
v3	Pooled	Equal	29	1.30	0.2038
v3	Satterthwaite	Unequal	24.5	1.32	0.1986
v4	Pooled	Equal	29	-0.31	0.7552
v4	Satterthwaite	Unequal	28.9	-0.32	0.7541
v5	Pooled	Equal	28	-0.93	0.3597
v5	Satterthwaite	Unequal	28	-0.93	0.3597
v6	Pooled	Equal	29	-0.52	0.6064
v6	Satterthwaite	Unequal	27.7	-0.52	0.6084
v7	Pooled	Equal	29	-0.38	0.7096
v7	Satterthwaite	Unequal	26.6	-0.37	0.7120
v8	Pooled	Equal	29	-0.29	0.7748
v8	Satterthwaite	Unequal	23	-0.29	0.7711
v9	Pooled	Equal	29	-1.78	0.0860
v9	Satterthwaite	Unequal	28.8	-1.79	0.0847

v10 Pooled Equal 29 2.30 0.0289

Comparison of Groups I and V

sex=F day=10

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	27.6	2.29	0.0301
v11	Pooled	Equal	28	2.21	0.0355
v11	Satterthwaite	Unequal	27.9	2.21	0.0355
v12	Pooled	Equal	28	1.83	0.0783
v12	Satterthwaite	Unequal	27.3	1.83	0.0786
v13	Pooled	Equal	27	0.92	0.3678
v13	Satterthwaite	Unequal	26.1	0.91	0.3700
v14	Pooled	Equal	28	0.57	0.5712
v14	Satterthwaite	Unequal	25.7	0.57	0.5716
v15	Pooled	Equal	27	0.27	0.7911
v15	Satterthwaite	Unequal	26.8	0.27	0.7900
v16	Pooled	Equal	28	2.27	0.0308
v16	Satterthwaite	Unequal	24.2	2.27	0.0321
v17	Pooled	Equal	27	1.32	0.1985
v17	Satterthwaite	Unequal	24.3	1.31	0.2039
v18	Pooled	Equal	28	1.09	0.2867
v18	Satterthwaite	Unequal	28	1.09	0.2867
v19	Pooled	Equal	27	-0.46	0.6457
v19	Satterthwaite	Unequal	23.1	-0.46	0.6504
v20	Pooled	Equal	29	-0.10	0.9182
v20	Satterthwaite	Unequal	29	-0.10	0.9179
v21	Pooled	Equal	29	1.43	0.1630
v21	Satterthwaite	Unequal	28.3	1.44	0.1603
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	14	1.60	0.3853
v2	Folded F	15	14	1.62	0.3723
v3	Folded F	15	14	2.91	0.0528
v4	Folded F	15	14	1.32	0.6129
v5	Folded F	14	14	1.03	0.9517
v6	Folded F	14	15	1.36	0.5645
v7	Folded F	14	15	1.61	0.3687
v8	Folded F	15	14	3.65	0.0202
v9	Folded F	15	14	1.32	0.6066
v10	Folded F	14	15	1.38	0.5466
v11	Folded F	14	14	1.10	0.8584
v12	Folded F	14	14	1.38	0.5567
v13	Folded F	13	14	1.26	0.6718
v14	Folded F	14	14	1.85	0.2639
v15	Folded F	14	13	1.37	0.5774

Comparison of Groups I and V

----- sex=F day=10 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	14	14	2.31	0.1295
v17	Folded F	13	14	1.73	0.3209
v18	Folded F	14	14	1.03	0.9503
v19	Folded F	13	14	2.05	0.1966
v20	Folded F	15	14	1.21	0.7286
v21	Folded F	15	14	1.57	0.4061
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and V

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Mean	Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean					
v1	I	16	1.6625	1.7031	1.7438	0.0564	0.0763	0.1181	0.0191		
v1	V	16	1.7045	1.7459	1.7874	0.0575	0.0778	0.1205	0.0195		
v1	Diff (1-2)		-0.098	-0.043	0.0128	0.0616	0.0771	0.103	0.0272		
v2	I	16	13.854	14.031	14.208	0.2453	0.3321	0.514	0.083		
v2	V	16	13.949	14.106	14.264	0.2183	0.2955	0.4573	0.0739		
v2	Diff (1-2)		-0.302	-0.075	0.1519	0.2512	0.3143	0.4201	0.1111		
v3	I	16	6.7363	6.8938	7.0512	0.2183	0.2955	0.4573	0.0739		
v3	V	16	6.5581	6.925	7.2919	0.5086	0.6885	1.0655	0.1721		
v3	Diff (1-2)		-0.414	-0.031	0.3513	0.4233	0.5298	0.7081	0.1873		
v4	I	16	1827.7	1876.5	1925.3	67.655	91.586	141.75	22.897		
v4	V	16	1827.5	1882.5	1937.5	76.315	103.31	159.89	25.827		
v4	Diff (1-2)		-76.49	-6	64.489	78.012	97.624	130.49	34.515		
v5	I	16	1799.5	1848	1896.5	67.277	91.074	140.95	22.768		
v5	V	16	1779.5	1840.5	1901.5	84.585	114.5	177.22	28.626		
v5	Diff (1-2)		-67.2	7.5	82.199	82.672	103.45	138.28	36.577		
v6	I	16	1811.6	1854	1896.4	58.8	79.599	123.19	19.9		
v6	V	16	1821.3	1872	1922.7	70.322	95.197	147.34	23.799		
v6	Diff (1-2)		-81.36	-18	45.357	70.118	87.745	117.29	31.023		
v7	I	16	1780.8	1833	1885.2	72.342	97.931	151.57	24.483		
v7	V	16	1771.8	1824	1876.2	72.378	97.98	151.64	24.495		
v7	Diff (1-2)		-61.73	9	79.729	78.277	97.955	130.93	34.632		
v8	I	16	2918.8	2991	3063.2	100.05	135.45	209.63	33.861		
v8	V	16	3042.2	3099	3155.8	78.723	106.57	164.93	26.642		
v8	Diff (1-2)		-196	-108	-20.01	97.384	121.87	162.89	43.086		
v9	I	16	2902.9	2985	3067.1	113.77	154.02	238.37	38.505		
v9	V	16	2965.5	3009	3052.5	60.339	81.682	126.42	20.421		
v9	Diff (1-2)		-113	-24	65.011	98.511	123.28	164.78	43.584		
v10	I	16	197.53	218.38	239.22	28.891	39.11	60.53	9.7775		
v10	V	13	211.71	242.31	272.91	36.31	50.635	83.585	14.044		
v10	Diff (1-2)		-58.1	-23.93	10.238	35.263	44.601	60.708	16.654		
v11	I	16	195.95	220.19	244.42	33.596	45.48	70.389	11.37		
v11	V	13	224.25	256.31	288.36	38.04	53.048	87.568	14.713		
v11	Diff (1-2)		-73.65	-36.12	1.4115	38.731	48.988	66.679	18.292		
v12	I	16	1350.7	1402.5	1454.3	71.788	97.18	150.41	24.295		
v12	V	16	1374.5	1414.5	1454.5	55.488	75.116	116.26	18.779		

v12	Diff (1-2)		-74.71	-12	50.711	69.404	86.852	116.09	30.707
v13	I	15	1341.7	1398.4	1455.1	74.98	102.41	161.52	26.443
v13	V	15	1340	1400	1460	79.325	108.35	170.88	27.975
v13	Diff (1-2)		-80.45	-1.6	77.254	83.662	105.42	142.58	38.495
v14	I	16	775.69	802.5	829.31	37.171	50.319	77.878	12.58
v14	V	16	792.19	816	839.81	33.009	44.686	69.159	11.171
v14	Diff (1-2)		-47.86	-13.5	20.859	38.026	47.586	63.607	16.824
v15	I	16	744.44	781.5	818.56	51.371	69.541	107.63	17.385
v15	V	15	780.15	811.2	842.25	41.047	56.065	88.42	14.476
v15	Diff (1-2)		-76.3	-29.7	16.898	50.488	63.394	85.222	22.784
v16	I	16	571.48	597	622.52	35.384	47.9	74.134	11.975
v16	V	16	569.71	589.5	609.29	27.442	37.148	57.494	9.2871

Comparison of Groups I and V

----- sex=F day=22 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Std Dev				
v16	Diff (1-2)		-23.45	7.5	38.449	34.252	42.863	57.293	15.154	
v17	I	15	589.85	612.8	635.75	30.337	41.437	65.35	10.699	
v17	V	15	567.56	592	616.44	32.309	44.13	69.597	11.394	
v17	Diff (1-2)		-11.22	20.8	52.817	33.969	42.805	57.891	15.63	
v18	I	16	439.36	463.5	487.64	33.463	45.299	70.109	11.325	
v18	V	16	441.69	460.5	479.31	26.071	35.293	54.623	8.8233	
v18	Diff (1-2)		-26.32	3	32.319	32.448	40.605	54.276	14.356	
v19	I	16	446.87	483	519.13	50.093	67.812	104.95	16.953	
v19	V	15	467.68	497.6	527.52	39.551	54.022	85.198	13.948	
v19	Diff (1-2)		-59.84	-14.6	30.636	49.012	61.542	82.731	22.118	
v20	I	16	4554.9	4692	4829.1	190.07	257.3	398.22	64.324	
v20	V	16	4646.3	4746	4845.7	138.16	187.04	289.47	46.759	
v20	Diff (1-2)		-216.4	-54	108.41	179.74	224.93	300.65	79.524	
v21	I	0	.	.	.	.	.	.	.
v21	V	0	.	.	.	.	.	.	.
v21	Diff (1-2)		.	.	.	.	.	.	.
v22	I	16	178.67	192.69	206.7	19.426	26.298	40.701	6.5744	
v22	V	16	194.29	208.25	222.21	19.356	26.203	40.554	6.5508	

v22	Diff (1-2)	-34.52	-15.56	3.3916	20.977	26.25	35.088	9.2809	
v23	I	16	176.97	192.63	208.28	21.696	29.371	45.457	7.3427
v23	V	16	200.04	211.25	222.46	15.534	21.029	32.546	5.2571
v23	Diff (1-2)	-37.07	-18.63	-0.182	20.411	25.543	34.142	9.0307	

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	-1.57	0.1266
v1	Satterthwaite	Unequal	30	-1.57	0.1266
v2	Pooled	Equal	30	-0.67	0.5049
v2	Satterthwaite	Unequal	29.6	-0.67	0.5050
v3	Pooled	Equal	30	-0.17	0.8686
v3	Satterthwaite	Unequal	20.3	-0.17	0.8691
v4	Pooled	Equal	30	-0.17	0.8632
v4	Satterthwaite	Unequal	29.6	-0.17	0.8632
v5	Pooled	Equal	30	0.21	0.8389
v5	Satterthwaite	Unequal	28.6	0.21	0.8390
v6	Pooled	Equal	30	-0.58	0.5661
v6	Satterthwaite	Unequal	29.1	-0.58	0.5662
v7	Pooled	Equal	30	0.26	0.7967
v7	Satterthwaite	Unequal	30	0.26	0.7967
v8	Pooled	Equal	30	-2.51	0.0178
v8	Satterthwaite	Unequal	28.4	-2.51	0.0182
v9	Pooled	Equal	30	-0.55	0.5859
v9	Satterthwaite	Unequal	22.8	-0.55	0.5872
v10	Pooled	Equal	27	-1.44	0.1622

Comparison of Groups I and V

----- sex=F day=22 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	22.3	-1.40	0.1757
v11	Pooled	Equal	27	-1.97	0.0586

v11	Satterthwaite	Unequal	23.8	-1.94	0.0640
v12	Pooled	Equal	30	-0.39	0.6987
v12	Satterthwaite	Unequal	28.2	-0.39	0.6989
v13	Pooled	Equal	28	-0.04	0.9671
v13	Satterthwaite	Unequal	27.9	-0.04	0.9671
v14	Pooled	Equal	30	-0.80	0.4286
v14	Satterthwaite	Unequal	29.6	-0.80	0.4287
v15	Pooled	Equal	29	-1.30	0.2026
v15	Satterthwaite	Unequal	28.4	-1.31	0.1998
v16	Pooled	Equal	30	0.49	0.6243
v16	Satterthwaite	Unequal	28.3	0.49	0.6245
v17	Pooled	Equal	28	1.33	0.1940
v17	Satterthwaite	Unequal	27.9	1.33	0.1940
v18	Pooled	Equal	30	0.21	0.8359
v18	Satterthwaite	Unequal	28.3	0.21	0.8360
v19	Pooled	Equal	29	-0.66	0.5144
v19	Satterthwaite	Unequal	28.3	-0.67	0.5114
v20	Pooled	Equal	30	-0.68	0.5023
v20	Satterthwaite	Unequal	27.4	-0.68	0.5028
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	30	-1.68	0.1040
v22	Satterthwaite	Unequal	30	-1.68	0.1040
v23	Pooled	Equal	30	-2.06	0.0479
v23	Satterthwaite	Unequal	27.2	-2.06	0.0488

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	15	1.04	0.9401
v2	Folded F	15	15	1.26	0.6564
v3	Folded F	15	15	5.43	0.0022
v4	Folded F	15	15	1.27	0.6468
v5	Folded F	15	15	1.58	0.3852
v6	Folded F	15	15	1.43	0.4966
v7	Folded F	15	15	1.00	0.9985
v8	Folded F	15	15	1.62	0.3633
v9	Folded F	15	15	3.56	0.0191
v10	Folded F	12	15	1.68	0.3421

v11	Folded F	12	15	1.36	0.5658
v12	Folded F	15	15	1.67	0.3292
v13	Folded F	14	14	1.12	0.8360
v14	Folded F	15	15	1.27	0.6515
v15	Folded F	15	14	1.54	0.4268

Comparison of Groups I and V

----- sex=F day=22 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	15	1.66	0.3355
v17	Folded F	14	14	1.13	0.8171
v18	Folded F	15	15	1.65	0.3442
v19	Folded F	15	14	1.58	0.4017
v20	Folded F	15	15	1.89	0.2282
v21	Folded F	0	0	.	.
v22	Folded F	15	15	1.01	0.9891
v23	Folded F	15	15	1.95	0.2072

Comparison of Groups I and V

----- sex=M day=10 -----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean				
v1	I	14	1.0419	1.1041	1.1664	0.0782	0.1079	0.1738	0.0288	
v1	V	15	1.0781	1.1481	1.218	0.0925	0.1263	0.1992	0.0326	
v1	Diff (1-2)		-0.134	-0.044	0.0459	0.0931	0.1178	0.1603	0.0438	
v2	I	14	11.605	11.879	12.152	0.3438	0.4742	0.764	0.1267	
v2	V	15	11.913	12.147	12.381	0.3092	0.4224	0.6661	0.1091	
v2	Diff (1-2)		-0.61	-0.268	0.0736	0.3543	0.4481	0.6099	0.1665	
v3	I	14	4.7372	4.9286	5.12	0.2403	0.3315	0.5341	0.0886	

v3	V	15	4.642	4.9467	5.2513	0.4028	0.5502	0.8676	0.142
v3	Diff (1-2)		-0.367	-0.018	0.3312	0.3622	0.4581	0.6235	0.1702
v4	I	14	1021.8	1081.7	1141.6	75.212	103.75	167.14	27.728
v4	V	15	1072.4	1131.2	1190	77.696	106.12	167.37	27.401
v4	Diff (1-2)		-129.5	-49.49	30.565	83.004	104.99	142.9	39.014
v5	I	14	1054.8	1114.3	1173.8	74.669	103	165.93	27.527
v5	V	15	1080.5	1155.2	1229.9	98.699	134.81	212.61	34.808
v5	Diff (1-2)		-132.8	-40.91	51	95.306	120.55	164.08	44.796
v6	I	14	1228.5	1272	1315.5	54.595	75.309	121.33	20.127
v6	V	15	1276.9	1328	1379.1	67.619	92.36	145.66	23.847
v6	Diff (1-2)		-120.5	-56	8.4909	66.871	84.58	115.12	31.431
v7	I	13	1212	1284.9	1357.8	86.512	120.64	199.15	33.461
v7	V	15	1237.5	1305.6	1373.7	90.037	122.98	193.95	31.753
v7	Diff (1-2)		-115.6	-20.68	74.278	96.004	121.91	167.07	46.195
v8	I	13	1900.3	2001.2	2102.2	119.76	167.01	275.69	46.32
v8	V	15	1980.4	2038.4	2096.4	76.725	104.8	165.28	27.058
v8	Diff (1-2)		-143.9	-37.17	69.591	107.94	137.06	187.84	51.938
v9	I	14	1925.1	2002.3	2079.5	96.924	133.7	215.39	35.732
v9	V	15	1967.9	2040	2112.1	95.32	130.2	205.33	33.616
v9	Diff (1-2)		-138.3	-37.71	62.852	104.28	131.89	179.52	49.013
v10	I	13	285.49	307.31	329.13	25.895	36.112	59.611	10.016
v10	V	15	317.87	346.8	375.73	38.242	52.235	82.379	13.487
v10	Diff (1-2)		-74.94	-39.49	-4.045	35.839	45.509	62.367	17.245
v11	I	14	288.28	316.29	344.29	35.167	48.509	78.15	12.965
v11	V	15	320.3	350	379.7	39.267	53.634	84.586	13.848
v11	Diff (1-2)		-72.78	-33.71	5.3481	40.504	51.23	69.732	19.038
v12	I	14	875.98	925.71	975.44	62.44	86.13	138.76	23.019
v12	V	15	909.93	948.8	987.67	51.386	70.187	110.69	18.122
v12	Diff (1-2)		-82.76	-23.09	36.594	61.881	78.27	106.54	29.086
v13	I	14	896.87	927.43	957.99	38.367	52.923	85.262	14.144
v13	V	15	900.39	948.8	997.21	64	87.416	137.86	22.571
v13	Diff (1-2)		-76.94	-21.37	34.195	57.617	72.876	99.194	27.081
v14	I	14	420.16	449.14	478.12	36.387	50.192	80.861	13.414
v14	V	15	427.58	456	484.42	37.568	51.314	80.928	13.249
v14	Diff (1-2)		-45.57	-6.857	31.859	40.145	50.777	69.114	18.869
v15	I	14	431.62	452.57	473.52	26.305	36.285	58.456	9.6975
v15	V	15	436.22	475.2	514.18	51.528	70.382	111	18.173
v15	Diff (1-2)		-65.78	-22.63	20.52	44.741	56.59	77.027	21.03
v16	I	14	442.65	468	493.35	31.827	43.902	70.728	11.733
v16	V	15	466.66	491.2	515.74	32.445	44.316	69.89	11.442

Comparison of Groups I and V

-----sex=M day=10-----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL		Lower CL		Upper CL	
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-56.84	-23.2	10.439	34.88	44.117	60.049	16.394
v17	I	14	439.89	473.14	506.4	41.751	57.591	92.782	15.392
v17	V	15	442.69	465.6	488.51	30.289	41.371	65.246	10.682
v17	Diff (1-2)		-30.46	7.5429	45.548	39.408	49.844	67.844	18.523
v18	I	14	266.61	291.43	316.25	31.167	42.991	69.261	11.49
v18	V	15	276.76	296	315.24	25.434	34.74	54.788	8.9698
v18	Diff (1-2)		-34.26	-4.571	25.113	30.78	38.932	52.991	14.467
v19	I	14	259.19	274.29	289.38	18.955	26.146	42.122	6.9878
v19	V	15	285.43	304	322.57	24.552	33.535	52.887	8.6586
v19	Diff (1-2)		-52.74	-29.71	-6.685	23.88	30.204	41.111	11.224
v20	I	14	2686.3	2821.7	2957.1	170.02	234.53	377.84	62.681
v20	V	14	2741.6	2921.1	3100.7	225.46	310.99	501.02	83.117
v20	Diff (1-2)		-313.4	-99.43	114.56	216.9	275.43	377.46	104.1
v21	I	14	33.349	36.071	38.793	3.4177	4.7144	7.595	1.26
v21	V	15	36.53	39.533	42.537	3.9704	5.4231	8.5527	1.4002
v21	Diff (1-2)		-7.346	-3.462	0.4223	4.0275	5.0942	6.9338	1.893
v22	I	0	.	.	.	.	.	.	.
v22	V	0	.	.	.	.	.	.	.
v22	Diff (1-2)	.	.	.	.	.	.	.	.
v23	I	0	.	.	.	.	.	.	.
v23	V	0	.	.	.	.	.	.	.
v23	Diff (1-2)	.	.	.	.	.	.	.	.

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	27	-1.00	0.3246
v1	Satterthwaite	Unequal	26.8	-1.01	0.3220
v2	Pooled	Equal	27	-1.61	0.1190

v2	Satterthwaite	Unequal	26.1	-1.60	0.1209
v3	Pooled	Equal	27	-0.11	0.9161
v3	Satterthwaite	Unequal	23.2	-0.11	0.9149
v4	Pooled	Equal	27	-1.27	0.2155
v4	Satterthwaite	Unequal	26.9	-1.27	0.2151
v5	Pooled	Equal	27	-0.91	0.3691
v5	Satterthwaite	Unequal	26	-0.92	0.3650
v6	Pooled	Equal	27	-1.78	0.0861
v6	Satterthwaite	Unequal	26.5	-1.79	0.0841
v7	Pooled	Equal	26	-0.45	0.6581
v7	Satterthwaite	Unequal	25.6	-0.45	0.6578
v8	Pooled	Equal	26	-0.72	0.4806
v8	Satterthwaite	Unequal	19.6	-0.69	0.4965
v9	Pooled	Equal	27	-0.77	0.4483
v9	Satterthwaite	Unequal	26.7	-0.77	0.4488
v10	Pooled	Equal	26	-2.29	0.0304

Comparison of Groups I and V

----- sex=M day=10 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	24.9	-2.35	0.0270
v11	Pooled	Equal	27	-1.77	0.0879
v11	Satterthwaite	Unequal	27	-1.78	0.0868
v12	Pooled	Equal	27	-0.79	0.4343
v12	Satterthwaite	Unequal	25.1	-0.79	0.4381
v13	Pooled	Equal	27	-0.79	0.4369
v13	Satterthwaite	Unequal	23.3	-0.80	0.4305
v14	Pooled	Equal	27	-0.36	0.7191
v14	Satterthwaite	Unequal	26.9	-0.36	0.7189
v15	Pooled	Equal	27	-1.08	0.2914
v15	Satterthwaite	Unequal	21.3	-1.10	0.2842
v16	Pooled	Equal	27	-1.42	0.1685
v16	Satterthwaite	Unequal	26.9	-1.42	0.1684
v17	Pooled	Equal	27	0.41	0.6871
v17	Satterthwaite	Unequal	23.5	0.40	0.6909

v18	Pooled	Equal	27	-0.32	0.7544
v18	Satterthwaite	Unequal	25	-0.31	0.7564
v19	Pooled	Equal	27	-2.65	0.0134
v19	Satterthwaite	Unequal	26.2	-2.67	0.0128
v20	Pooled	Equal	26	-0.96	0.3483
v20	Satterthwaite	Unequal	24.2	-0.96	0.3490
v21	Pooled	Equal	27	-1.83	0.0785
v21	Satterthwaite	Unequal	26.9	-1.84	0.0772
v22	Pooled	Equal	0	.	.
v22	Satterthwaite	Unequal	0	.	.
v23	Pooled	Equal	0	.	.
v23	Satterthwaite	Unequal	0	.	.

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	14	13	1.37	0.5749
v2	Folded F	13	14	1.26	0.6712
v3	Folded F	14	13	2.75	0.0763
v4	Folded F	14	13	1.05	0.9404
v5	Folded F	14	13	1.71	0.3398
v6	Folded F	14	13	1.50	0.4687
v7	Folded F	14	12	1.04	0.9576
v8	Folded F	12	14	2.54	0.0992
v9	Folded F	13	14	1.05	0.9184
v10	Folded F	14	12	2.09	0.2071
v11	Folded F	14	13	1.22	0.7230
v12	Folded F	13	14	1.51	0.4569
v13	Folded F	14	13	2.73	0.0790
v14	Folded F	14	13	1.05	0.9419
v15	Folded F	14	13	3.76	0.0222

Comparison of Groups I and V

-----sex=M day=10-----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	14	13	1.02	0.9784
v17	Folded F	13	14	1.94	0.2327
v18	Folded F	13	14	1.53	0.4389
v19	Folded F	14	13	1.65	0.3772
v20	Folded F	13	13	1.76	0.3213
v21	Folded F	14	13	1.32	0.6197
v22	Folded F	0	0	.	.
v23	Folded F	0	0	.	.

Comparison of Groups I and V

-----sex=M day=22-----

The TTEST Procedure

Statistics

Variable	Class	N	Lower CL		Upper CL		Lower CL	Upper CL	Lower CL	Upper CL	Std Dev	Std Dev	Std Dev	Std Err
			Mean	Mean	Mean	Mean								
v1	I	16	1.7413	1.775	1.8087	0.0467	0.0632	0.0979	0.0158					
v1	V	16	1.7671	1.7971	1.8271	0.0416	0.0563	0.0871	0.0141					
v1	Diff (1-2)		-0.065	-0.022	0.0212	0.0478	0.0599	0.08	0.0212					
v2	I	16	14.127	14.256	14.385	0.1789	0.2421	0.3747	0.0605					
v2	V	16	14.241	14.388	14.534	0.2034	0.2754	0.4262	0.0688					
v2	Diff (1-2)		-0.318	-0.131	0.056	0.2072	0.2593	0.3466	0.0917					
v3	I	16	6.8587	7.0063	7.1538	0.2045	0.2768	0.4284	0.0692					
v3	V	16	6.8322	6.9625	7.0928	0.1807	0.2446	0.3786	0.0612					
v3	Diff (1-2)		-0.145	0.0437	0.2324	0.2087	0.2612	0.3491	0.0924					
v4	I	16	1776.2	1815	1853.8	53.726	72.73	112.56	18.182					
v4	V	16	1850.1	1903.5	1956.9	74.015	100.2	155.07	25.049					
v4	Diff (1-2)		-151.7	-88.5	-25.29	69.96	87.547	117.02	30.952					
v5	I	16	1732.1	1767	1801.9	48.391	65.507	101.38	16.377					
v5	V	16	1802.6	1839	1875.4	50.509	68.375	105.82	17.094					
v5	Diff (1-2)		-120.3	-72	-23.65	53.506	66.957	89.499	23.673					
v6	I	16	1794.6	1834.5	1874.4	55.299	74.86	115.86	18.715					
v6	V	16	1867.3	1908	1948.7	56.436	76.399	118.24	19.1					
v6	Diff (1-2)		-128.1	-73.5	-18.89	60.439	75.633	101.1	26.74					
v7	I	16	1741	1774.5	1808	46.443	62.871	97.305	15.718					
v7	V	16	1803.6	1831.5	1859.4	38.69	52.376	81.061	13.094					

v7	Diff (1-2)		-98.78	-57	-15.22	46.238	57.862	77.342	20.457
v8	I	16	2743.3	2820	2896.7	106.37	144	222.87	36
v8	V	16	2876.3	2967	3057.7	125.68	170.13	263.31	42.532
v8	Diff (1-2)		-260.8	-147	-33.2	125.95	157.61	210.67	55.723
v9	I	16	2786.8	2862	2937.2	104.28	141.17	218.49	35.293
v9	V	16	2870.9	2949	3027.1	108.3	146.61	226.91	36.652
v9	Diff (1-2)		-190.9	-87	16.915	115.01	143.92	192.37	50.882
v10	I	16	200.63	223.81	247	32.144	43.514	67.347	10.879
v10	V	16	192.52	213	233.48	28.398	38.443	59.498	9.6108
v10	Diff (1-2)		-18.83	10.813	40.458	32.809	41.057	54.88	14.516
v11	I	16	200.86	232.81	264.77	44.298	59.967	92.81	14.992
v11	V	16	198.86	220.88	242.89	30.521	41.316	63.945	10.329
v11	Diff (1-2)		-25.24	11.938	49.118	41.149	51.493	68.829	18.206
v12	I	16	1355.5	1396.5	1437.5	56.887	77.009	119.19	19.252
v12	V	16	1426.5	1471.5	1516.5	62.335	84.385	130.6	21.096
v12	Diff (1-2)		-133.3	-75	-16.67	64.553	80.781	107.98	28.56
v13	I	16	1318.8	1365	1411.2	64.045	86.699	134.18	21.675
v13	V	15	1384	1443.2	1502.4	78.261	106.9	168.59	27.6
v13	Diff (1-2)		-149.5	-78.2	-6.918	77.232	96.976	130.37	34.853
v14	I	16	761.74	792	822.26	41.954	56.794	87.9	14.199
v14	V	16	810.02	843	875.98	45.719	61.89	95.787	15.473
v14	Diff (1-2)		-93.89	-51	-8.112	47.465	59.397	79.394	21
v15	I	16	746.82	775.5	804.18	39.759	53.822	83.3	13.455
v15	V	16	765.52	808.5	851.48	59.586	80.662	124.84	20.166
v15	Diff (1-2)		-82.51	-33	16.51	54.794	68.568	91.653	24.243
v16	I	16	556.65	595.5	634.35	53.86	72.911	112.84	18.228
v16	V	16	586.28	604.5	622.72	25.255	34.188	52.912	8.5469

Comparison of Groups I and V

----- sex=M day=22 -----

The TTEST Procedure

Statistics

Variable	Class	Lower CL		Upper CL					
		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err
v16	Diff (1-2)		-50.12	-9	32.115	45.503	56.942	76.113	20.132
v17	I	16	547.82	564	580.18	22.426	30.358	46.985	7.5895
v17	V	16	575.2	592.5	609.8	23.978	32.459	50.237	8.1148

v17	Diff (1-2)		-51.19	-28.5	-5.809	25.113	31.426	42.006	11.111
v18	I	16	435.64	456	476.36	28.218	38.199	59.121	9.5499
v18	V	16	445.82	465	484.18	26.593	36	55.717	9
v18	Diff (1-2)		-35.8	-9	17.8	29.66	37.116	49.612	13.122
v19	I	16	468.86	484.5	500.14	21.683	29.353	45.429	7.3383
v19	V	16	478.58	496.5	514.42	24.836	33.621	52.036	8.4054
v19	Diff (1-2)		-34.79	-12	10.788	25.22	31.559	42.185	11.158
v20	I	16	4361.3	4479	4596.7	163.12	220.81	341.75	55.203
v20	V	16	4530.6	4635	4739.4	144.74	195.93	303.25	48.984
v20	Diff (1-2)		-306.7	-156	-5.275	166.81	208.74	279.02	73.802
v21	I	0	.	.	.	.	.	.	.
v21	V	0	.	.	.	.	.	.	.
v21	Diff (1-2)		.	.	.	.	.	.	.
v22	I	16	175.27	187.75	200.23	17.302	23.422	36.25	5.8556
v22	V	16	193.46	217.19	240.92	32.895	44.53	68.919	11.133
v22	Diff (1-2)		-55.13	-29.44	-3.748	28.431	35.578	47.556	12.579
v23	I	16	177.85	190.25	202.65	17.195	23.277	36.025	5.8191
v23	V	16	189.94	214.13	238.31	33.523	45.381	70.236	11.345
v23	Diff (1-2)		-49.92	-23.88	2.1652	28.819	36.064	48.206	12.751

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v1	Pooled	Equal	30	-1.04	0.3057
v1	Satterthwaite	Unequal	29.6	-1.04	0.3058
v2	Pooled	Equal	30	-1.43	0.1626
v2	Satterthwaite	Unequal	29.5	-1.43	0.1627
v3	Pooled	Equal	30	0.47	0.6391
v3	Satterthwaite	Unequal	29.6	0.47	0.6392
v4	Pooled	Equal	30	-2.86	0.0077
v4	Satterthwaite	Unequal	27.4	-2.86	0.0080
v5	Pooled	Equal	30	-3.04	0.0049
v5	Satterthwaite	Unequal	29.9	-3.04	0.0049
v6	Pooled	Equal	30	-2.75	0.0100
v6	Satterthwaite	Unequal	30	-2.75	0.0100
v7	Pooled	Equal	30	-2.79	0.0092
v7	Satterthwaite	Unequal	29.1	-2.79	0.0093
v8	Pooled	Equal	30	-2.64	0.0131
v8	Satterthwaite	Unequal	29.2	-2.64	0.0132

v9	Pooled	Equal	30	-1.71	0.0976
v9	Satterthwaite	Unequal	30	-1.71	0.0976
v10	Pooled	Equal	30	0.74	0.4621

Comparison of Groups I and V

----- sex=M day=22 -----

The TTEST Procedure

T-Tests

Variable	Method	Variances	DF	t Value	Pr > |t|
v10	Satterthwaite	Unequal	29.6	0.74	0.4622
v11	Pooled	Equal	30	0.66	0.5170
v11	Satterthwaite	Unequal	26.6	0.66	0.5176
v12	Pooled	Equal	30	-2.63	0.0135
v12	Satterthwaite	Unequal	29.8	-2.63	0.0135
v13	Pooled	Equal	29	-2.24	0.0327
v13	Satterthwaite	Unequal	27	-2.23	0.0344
v14	Pooled	Equal	30	-2.43	0.0214
v14	Satterthwaite	Unequal	29.8	-2.43	0.0214
v15	Pooled	Equal	30	-1.36	0.1836
v15	Satterthwaite	Unequal	26.1	-1.36	0.1851
v16	Pooled	Equal	30	-0.45	0.6581
v16	Satterthwaite	Unequal	21.3	-0.45	0.6594
v17	Pooled	Equal	30	-2.57	0.0156
v17	Satterthwaite	Unequal	29.9	-2.57	0.0156
v18	Pooled	Equal	30	-0.69	0.4981
v18	Satterthwaite	Unequal	29.9	-0.69	0.4981
v19	Pooled	Equal	30	-1.08	0.2907
v19	Satterthwaite	Unequal	29.5	-1.08	0.2909
v20	Pooled	Equal	30	-2.11	0.0430
v20	Satterthwaite	Unequal	29.6	-2.11	0.0431
v21	Pooled	Equal	0	.	.
v21	Satterthwaite	Unequal	0	.	.
v22	Pooled	Equal	30	-2.34	0.0261
v22	Satterthwaite	Unequal	22.7	-2.34	0.0284
v23	Pooled	Equal	30	-1.87	0.0709
v23	Satterthwaite	Unequal	22.4	-1.87	0.0743

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v1	Folded F	15	15	1.26	0.6585
v2	Folded F	15	15	1.29	0.6245
v3	Folded F	15	15	1.28	0.6380
v4	Folded F	15	15	1.90	0.2262
v5	Folded F	15	15	1.09	0.8704
v6	Folded F	15	15	1.04	0.9382
v7	Folded F	15	15	1.44	0.4878
v8	Folded F	15	15	1.40	0.5263
v9	Folded F	15	15	1.08	0.8855
v10	Folded F	15	15	1.28	0.6374
v11	Folded F	15	15	2.11	0.1605
v12	Folded F	15	15	1.20	0.7277
v13	Folded F	14	15	1.52	0.4304
v14	Folded F	15	15	1.19	0.7436
v15	Folded F	15	15	2.25	0.1282

Comparison of Groups I and V

----- sex=M day=22 -----

The TTEST Procedure

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
v16	Folded F	15	15	4.55	0.0057
v17	Folded F	15	15	1.14	0.7988
v18	Folded F	15	15	1.13	0.8213
v19	Folded F	15	15	1.31	0.6056
v20	Folded F	15	15	1.27	0.6493
v21	Folded F	0	0	.	.
v22	Folded F	15	15	3.61	0.0177
v23	Folded F	15	15	3.80	0.0140

TERA's regression
analyses

Preliminary Linear Regression of Data from Male Rats on PND 10

	Dose	Pup TSH	Pup T4	Pup T3	Pup T3/T4	Dam TSH	Dam T4	Dam T3	Dam T3/T4
Brain Weight (g)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebrum (mm)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebellum (mm)	---	---	---	---	---	---	---	---	---
R Frontal Cortex (μ)	R=0.123 P=0.843	R=0.127 P=0.839	R=0.635 P=0.250	R=0.645 P=0.240	R=0.558 P=0.328	R=0.097 P=0.876	R=0.585 P=0.300	R=0.069 P=0.912	R=0.990 P=0.001*
L Frontal Cortex (μ)	R=0.354 P=0.559	R=0.175 P=0.779	R=0.418 P=0.484	R=0.420 P=0.481	R=0.358 P=0.554	R=0.181 P=0.771	R=0.296 P=0.629	R=0.223 P=0.719	R=0.886 P=0.045*
R Parietal Cortex (μ)	R=0.141 P=0.822	R=0.348 P=0.567	R=0.887 P=0.045*	R=0.794 P=0.109	R=0.625 P=0.259	R=0.333 P=0.584	R=0.694 P=0.193	R=0.287 P=0.640	R=0.876 P=0.052
L Parietal Cortex (μ)	R=0.098 P=0.870	R=0.053 P=0.930	R=0.739 P=0.154	R=0.594 P=0.291	R=0.416 P=0.486	R=0.059 P=0.925	R=0.425 P=0.476	R=0.005 P=0.994	R=0.809 P=0.098
R Striatum (μ)	---	---	---	---	---	---	---	---	---
L Striatum (μ)	R=0.248 P=0.687	R=0.271 P=0.659	R=0.756 P=0.140	R=0.708 P=0.181	R=0.601 P=0.284	R=0.320 P=0.599	R=0.483 P=0.410	R=0.240 P=0.698	R=0.564 P=0.322
R Corpus Callosum (μ)	R=0.102 P=0.871	R=0.278 P=0.651	R=0.834 P=0.079	R=0.540 P=0.347	R=0.261 P=0.672	R=0.251 P=0.684	R=0.475 P=0.419	R=0.214 P=0.730	R=0.570 P=0.315
L Corpus Callosum (μ)	R=0.079 P=0.899	R=0.228 P=0.713	R=0.850 P=0.068	R=0.564 P=0.322	R=0.291 P=0.635	R=0.217 P=0.725	R=0.447 P=0.450	R=0.165 P=0.791	R=0.595 P=0.290

R Hippocampus (μ)	R=0.038 P=0.950	R=0.165 P=0.790	R=0.729 P=0.163	R=0.701 P=0.187	R=0.596 P=0.289	R=0.184 P=0.767	R=0.525 P=0.363	R=0.119 P=0.848	R=0.815 P=0.093
L Hippocampus (μ)	---	---	---	---	---	---	---	---	---
R Dentate (μ)	---	---	---	---	---	---	---	---	---
L Dentate (μ)	---	---	---	---	---	---	---	---	---
R CA1 (μ)	R=0.318 P=0.602	R=0.396 P=0.510	R=0.920 P=0.027*	R=0.753 P=0.142	R=0.552 P=0.335	R=0.420 P=0.481	R=0.575 P=0.310	R=0.345 P=0.565	R=0.570 P=0.316
L CA1 (μ)	---	---	---	---	---	---	---	---	---
R CA3 (μ)	---	---	---	---	---	---	---	---	---
L CA3 (μ)	R=0.902 P=0.036*	R=0.892 P=0.042*	R=0.438 P=0.461	R=0.731 P=0.160	R=0.864 P=0.059	R=0.910 P=0.032*	R=0.765 P=0.132	R=0.911 P=0.031*	R=0.085 P=0.892
Cerebellum (μ)	---	---	---	---	---	---	---	---	---
External Germinal Layer (μ)	---	---	---	---	---	---	---	---	---
R Corpus Callosum #2 (μ)	---	---	---	---	---	---	---	---	---
L Corpus Callosum #2 (μ)	---	---	---	---	---	---	---	---	---

Preliminary Linear Regression of Data from Female Rats on PND 10

	Dose	Pup TSH	Pup T4	Pup T3	Pup T3/T4	Dam TSH	Dam T4	Dam T3	Dam T3/T4
Brain Weight (g)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebrum (mm)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebellum (mm)	---	---	---	---	---	---	---	---	---
R Frontal Cortex (μ)	R=0.173 P=0.781	R=0.049 P=0.938	R=0.399 P=0.506	R=0.507 P=0.383	R=0.517 P=0.373	R=0.034 P=0.957	R=0.365 P=0.546	R=0.080 P=0.898	R=0.809 P=0.097
L Frontal Cortex (μ)	---	---	---	---	---	---	---	---	---
R Parietal Cortex (μ)	---	---	---	---	---	---	---	---	---
L Parietal Cortex (μ)	---	---	---	---	---	---	---	---	---
R Striatum (μ)	R=0.211 P=0.734	R=0.132 P=0.832	R=0.365 P=0.546	R=0.799 P=0.392	R=0.550 P=0.336	R=0.206 P=0.739	R=0.273 P=0.657	R=0.135 P=0.829	R=0.331 P=0.587
L Striatum (μ)	R=0.459 P=0.437	R=0.379 P=0.530	R=0.452 P=0.445	R=0.636 P=0.249	R=0.709 P=0.180	R=0.450 P=0.447	R=0.446 P=0.452	R=0.387 P=0.520	R=0.279 P=0.649
R Corpus Callosum (μ)	---	---	---	---	---	---	---	---	---
L Corpus Callosum (μ)	---	---	---	---	---	---	---	---	---

R Hippocampus (μ)	R=0.114 P=0.855	R=0.388 P=0.519	R=0.543 P=0.345	R=0.395 P=0.511	R=0.221 P=0.721	R=0.302 P=0.622	R=0.544 P=0.344	R=0.333 P=0.584	R=0.506 P=0.385
L Hippocampus (μ)	R=0.208 P=0.737	R=0.063 P=0.920	R=0.339 P=0.577	R=0.122 P=0.845	0.072 0.909	0.028 0.964	0.263 0.670	0.005 0.994	0.465 0.431
R Dentate (μ)	---	---	---	---	---	---	---	---	---
L Dentate (μ)	---	---	---	---	---	---	---	---	---
R CA1 (μ)	R=0.087 P=0.889	R=0.406 P=0.498	R=0.595 P=0.290	0.563 0.323	0.449 0.448	0.321 0.598	0.695 0.193	0.348 0.566	0.768 0.129
L CA1 (μ)	R=0.234 P=0.705	R=0.086 P=0.891	R=0.453 P=0.443	0.324 0.594	0.166 0.790	0.002 0.998	0.432 0.468	0.021 0.974	0.760 0.136
R CA3 (μ)	---	---	---	---	---	---	---	---	---
L CA3 (μ)	---	---	---	---	---	---	---	---	---
Cerebellum (μ)	---	---	---	---	---	---	---	---	---
External Germinal Layer (μ)	R=0.034 P=0.956	R=0.240 P=0.698	R=0.166 P=0.790	0.019 0.976	0.123 0.844	0.150 0.810	0.297 0.628	0.235 0.704	0.183 0.768
R Corpus Callosum #2 (μ)	---	---	---	---	---	---	---	---	---
L Corpus Callosum #2 (μ)	---	---	---	---	---	---	---	---	---

Preliminary Linear Regression of Data from Male Rats on PND 22

	Dose	Pup TSH	Pup T4	Pup T3	Pup T3/T4	Dam TSH	Dam T4	Dam T3	Dam T3/T4
Brain Weight (g)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebrum (mm)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebellum (mm)	---	---	---	---	---	---	---	---	---
R Frontal Cortex (μ)	R=0.812 P=0.095	R=0.933 P=0.020*	R=0.785 P=0.120	R=0.871 P=0.054	R=0.377 P=0.532	R=0.975 P=0.005*	R=0.816 P=0.092	R=0.887 P=0.045*	R=0.674 P=0.212
L Frontal Cortex (μ)	R=0.279 P=0.649	R=0.863 P=0.059	R=0.759 P=0.136	R=0.531 P=0.357	R=0.621 P=0.264	R=0.620 P=0.265	R=0.328 P=0.591	R=0.533 P=0.355	R=0.062 P=0.921
R Parietal Cortex (μ)	R=0.787 P=0.113	R=0.873 P=0.054	R=0.630 P=0.255	R=0.751 P=0.144	R=0.260 P=0.673	R=0.934 P=0.020*	R=0.737 P=0.155	R=0.834 P=0.079	R=0.577 P=0.309
L Parietal Cortex (μ)	R=0.280 P=0.648	R=0.808 P=0.098	R=0.821 P=0.088	R=0.461 P=0.434	R=0.769 P=0.128	R=0.590 P=0.295	R=0.252 P=0.683	R=0.434 P=0.465	R=0.026 P=0.966
R Striatum (μ)	R=0.854 P=0.065	R=0.724 P=0.167	R=0.408 P=0.496	R=0.664 P=0.221	R=0.024 P=0.970	R=0.900 P=0.038*	R=0.746 P=0.148	R=0.804 P=0.101	R=0.636 P=0.249
L Striatum (μ)	---	---	---	---	---	---	---	---	---

R Corpus Callosum (μ)	---	---	---	---	---	---	---	---	---
L Corpus Callosum (μ)	---	---	---	---	---	---	---	---	---
R Hippocampus (μ)	R=0.910 P=0.032*	R=0.777 P=0.122	R=0.728 P=0.163	R=0.838 P=0.076	R=0.327 P=0.591	R=0.949 P=0.014*	R=0.847 P=0.070	R=0.829 P=0.083	R=0.813 P=0.095
L Hippocampus (μ)	R=0.438 P=0.461	R=0.982 P=0.003*	R=0.899 P=0.038*	R=0.841 P=0.074	R=0.553 P=0.333	R=0.770 P=0.128	R=0.629 P=0.255	R=0.774 P=0.125	R=0.397 P=0.508
R Dentate (μ)	---	---	---	---	---	---	---	---	---
L Dentate (μ)	---	---	---	---	---	---	---	---	---
R CA1 (μ)	---	---	---	---	---	---	---	---	---
L CA1 (μ)	R=0.334 P=0.580	R=0.887 P=0.045*	R=0.865 P=0.582	R=0.584 P=0.302	R=0.727 P=0.164	R=0.663 P=0.223	R=0.367 P=0.543	R=0.548 P=0.339	R=0.129 P=0.836
R CA3 (μ)	---	---	---						
L CA3 (μ)	R=0.605 P=0.279	R=0.147 P=0.814	R=0.153 P=0.806	R=0.280 P=0.648	R=0.444 P=0.454	R=0.284 P=0.644	R=0.521 P=0.367	R=0.292 P=0.634	R=0.756 P=0.139
Cerebellum (μ)	R=0.374 P=0.535	R=0.369 P=0.542	R=0.703 P=0.185	R=0.087 P=0.889	R=0.909 P=0.033*	R=0.044 P=0.944	R=0.250 P=0.685	R=0.112 P=0.857	R=0.403 P=0.501
External Germinal Layer (μ)	---	---	---	---	---	---	---	---	---

R Corpus Callosa #2 (μ)	R=0.308 P=0.614	R=0.447 P=0.450	R=0.757 P=0.139	R=0.186 P=0.765	R=0.901 P=0.037*	R=0.036 P=0.955	R=0.155 P=0.803	R=0.016 P=0.979	R=0.320 P=0.299
L Corpus Callosa #2 (μ)	R=0.321 P=0.598	R=0.399 P=0.506	R=0.740 P=0.153	R=0.128 P=0.837	R=0.926 P=0.024*	R=0.003 P=0.996	R=0.205 P=0.741	R=0.074 P=0.906	R=0.353 P=0.561

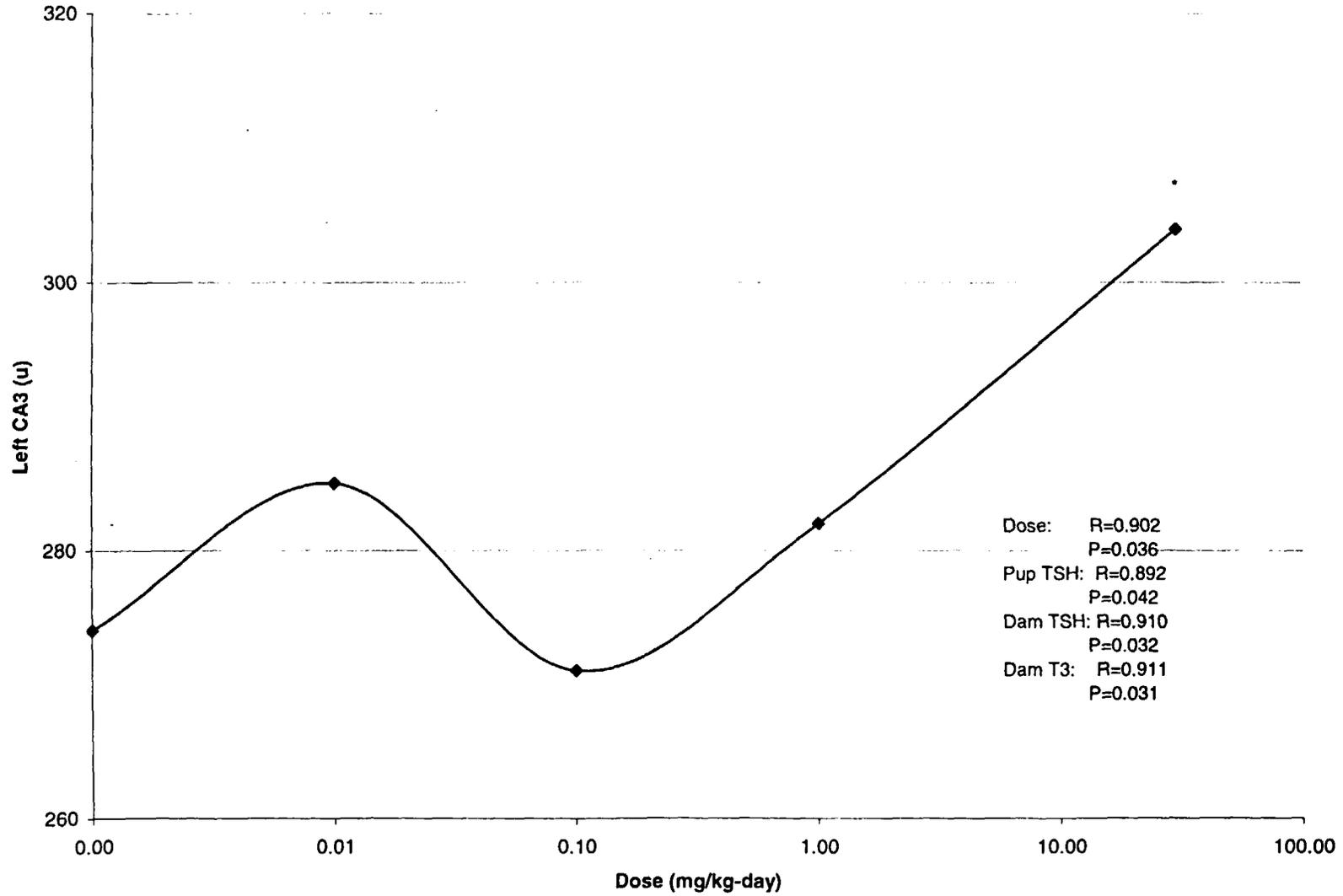
Preliminary Linear Regression of Data from Female Rats on PND 22

	Dose	Pup TSH	Pup T4	Pup T3	Pup T3/T4	Dam TSH	Dam T4	Dam T3	Dam T3/T4
Brain Weight (g)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebrum (mm)	---	---	---	---	---	---	---	---	---
Ant/Post Cerebellum (mm)	---	---	---	---	---	---	---	---	---
R Frontal Cortex (μ)	---	---	---	---	---	---	---	---	---
L Frontal Cortex (μ)	---	---	---	---	---	---	---	---	---
R Parietal Cortex (μ)	---	---	---	---	---	---	---	---	---
L Parietal Cortex (μ)	---	---	---	---	---	---	---	---	---
R Striatum (μ)	R=0.753 P=0.142	R=0.512 P=0.378	R=0.305 P=0.618	R=0.003 P=0.996	R=0.428 P=0.472	R=0.512 P=0.378	R=0.639 P=0.246	R=0.536 P=0.352	R=0.723 P=0.167

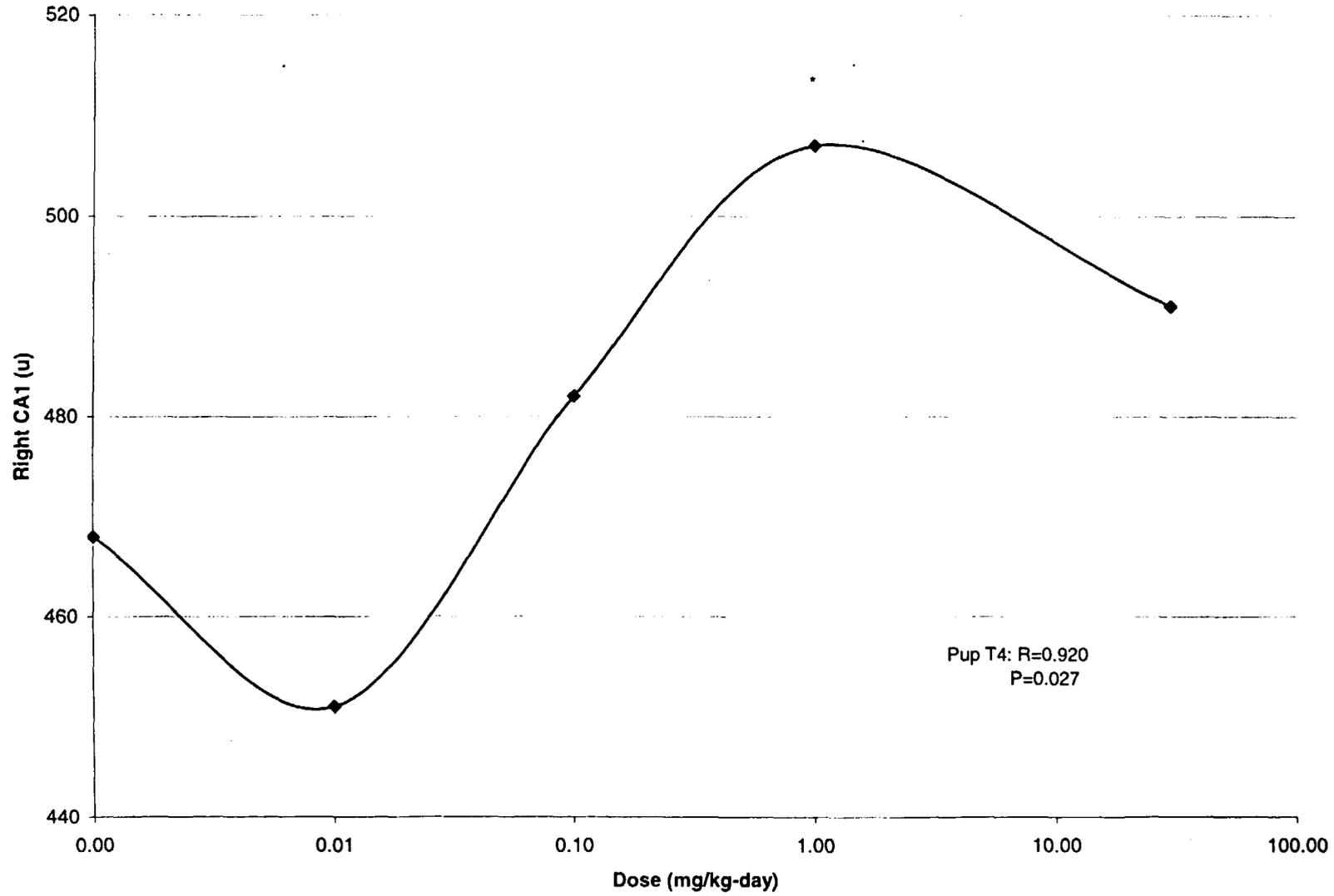
L Striatum (μ)	R=0.751 P=0.143	R=0.521 P=0.368	R=0.324 P=0.595	R=0.145 P=0.816	R=0.553 P=0.334	R=0.377 P=0.531	R=0.539 P=0.349	R=0.439 P=0.460	R=0.624 P=0.260
R Corpus Callosum (μ)	---	---	---	---	---	---	---	---	---
L Corpus Callosum (μ)	R=-0.680 P=0.206	R=0.793 P=0.109	R=0.651 P=0.234	R=0.321 P=0.600	R=0.466 P=0.429	R=0.723 P=0.168	R=0.632 P=0.253	R=0.714 P=0.176	R=0.496 P=0.396
R Hippocampus (μ)	---	---	---	---	---	---	---	---	---
L Hippocampus (μ)	---	---	---	---	---	---	---	---	---
R Dentate (μ)	---	---	---	---	---	---	---	---	---
L Dentate (μ)	---	---	---	---	---	---	---	---	---
R CA1 (μ)	---	---	---	---	---	---	---	---	---
L CA 1 (μ)	R=0.130 P=0.835	R=0.058 P=0.926	R=0.046 P=0.940	R=0.572 P=0.314	R=0.787 P=0.114	R=0.119 P=0.849	R=0.127 P=0.839	R=0.040 P=0.949	R=0.218 P=0.745
R CA3 (μ)	R=0.419 P=0.483	R=0.138 P=0.825	R=0.158 P=0.800	R=0.139 P=0.824	R=0.439 P=0.460	R=0.154 P=0.805	R=0.509 P=0.381	R=0.329 P=0.589	R=0.670 P=0.216
L CA3 (μ)	R=0.713 P=0.177	R=0.358 P=0.554	R=0.173 P=0.781	R=0.006 P=0.992	R=0.249 P=0.686	R=0.405 P=0.499	R=0.625 P=0.259	R=0.446 P=0.452	R=0.796 P=0.107

Cerebellum (μ)	R=0.408 P=0.496	R=0.110 P=0.860	R=0.212 P=0.732	R=0.405 P=0.500	R=0.272 P=0.658	R=0.116 P=0.853	R=0.083 P=0.894	R=0.009 P=0.988	R=0.196 P=0.752
External Germinal Layer (μ)	---	---	---	---	---	---	---	---	---
R Corpus Callosum #2 (μ)	R=0.278 P=0.651	R=0.139 P=0.824	R=0.190 P=0.759	R=0.273 P=0.657	R=0.124 P=0.842	R=0.068 P=0.913	R=0.266 P=0.666	R=0.031 P=0.961	R=0.518 P=0.372
L Corpus Callosum #2 (μ)	R=0.236 P=0.703	R=0.187 P=0.763	R=0.237 P=0.702	R=0.327 P=0.591	R=0.138 P=0.825	R=0.119 P=0.850	R=0.215 P=0.728	R=0.020 P=0.975	R=0.472 P=0.422

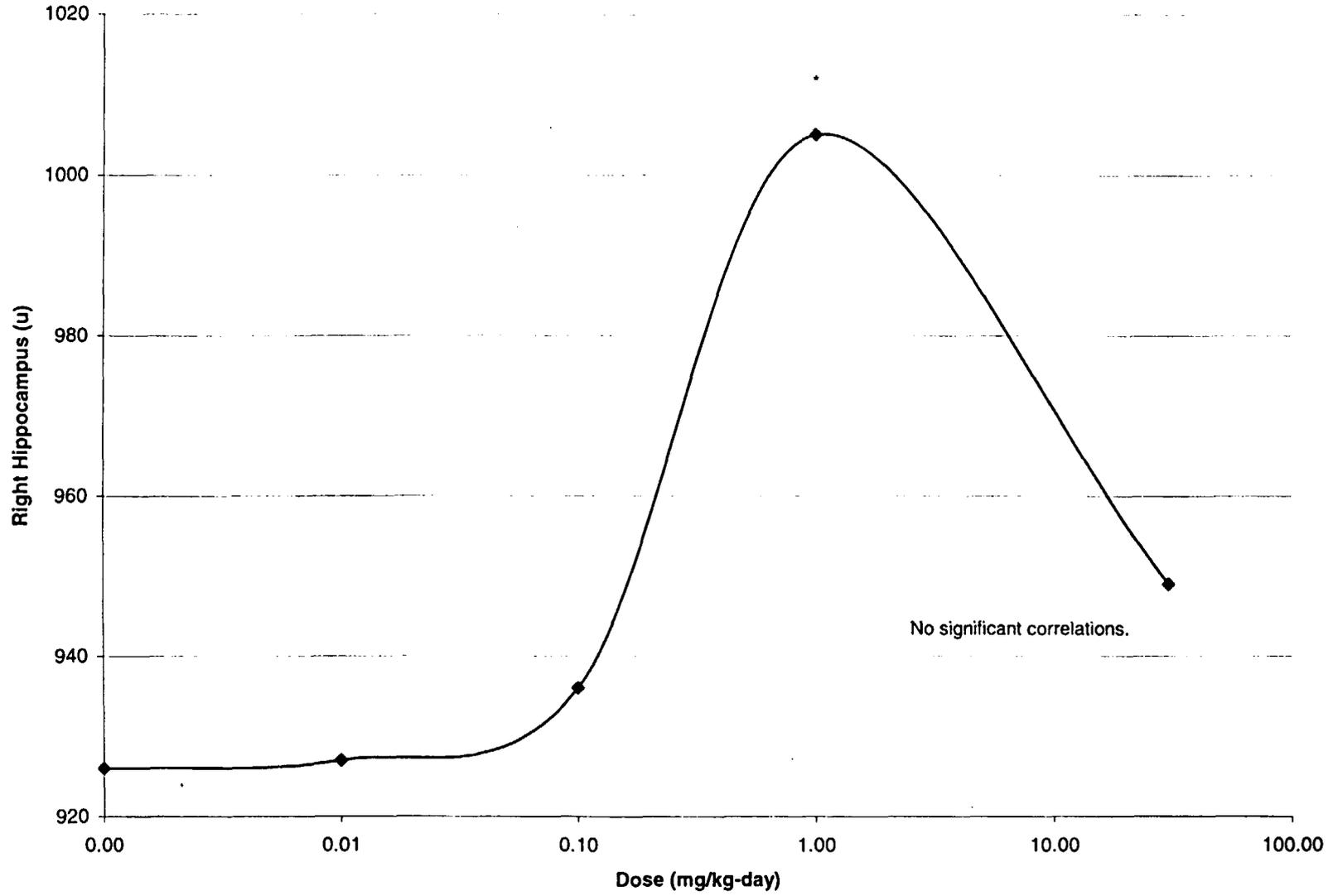
Left CA3 Response in Male Rats on PND 10



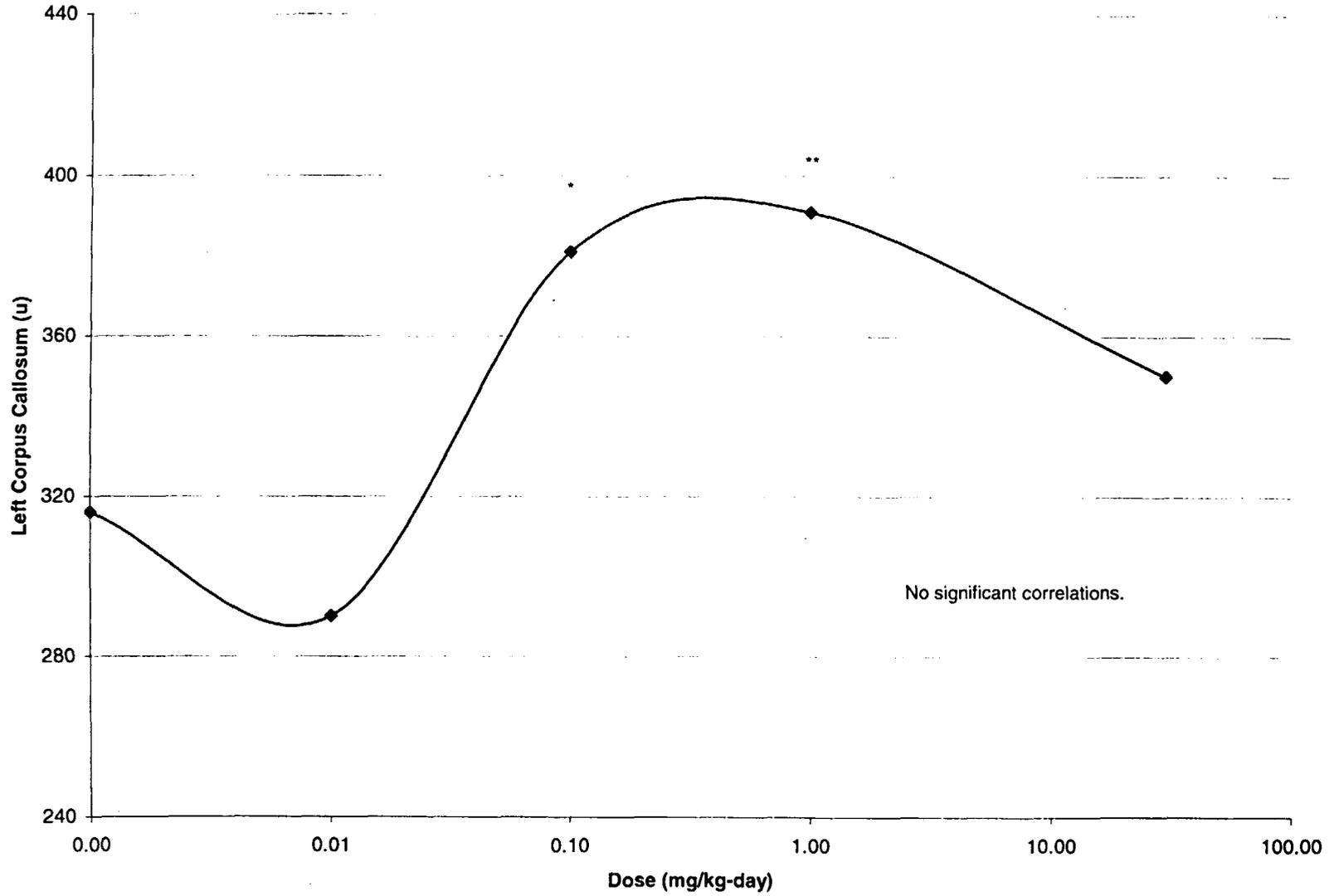
Right CA1 Response in Male Rats on PND 10



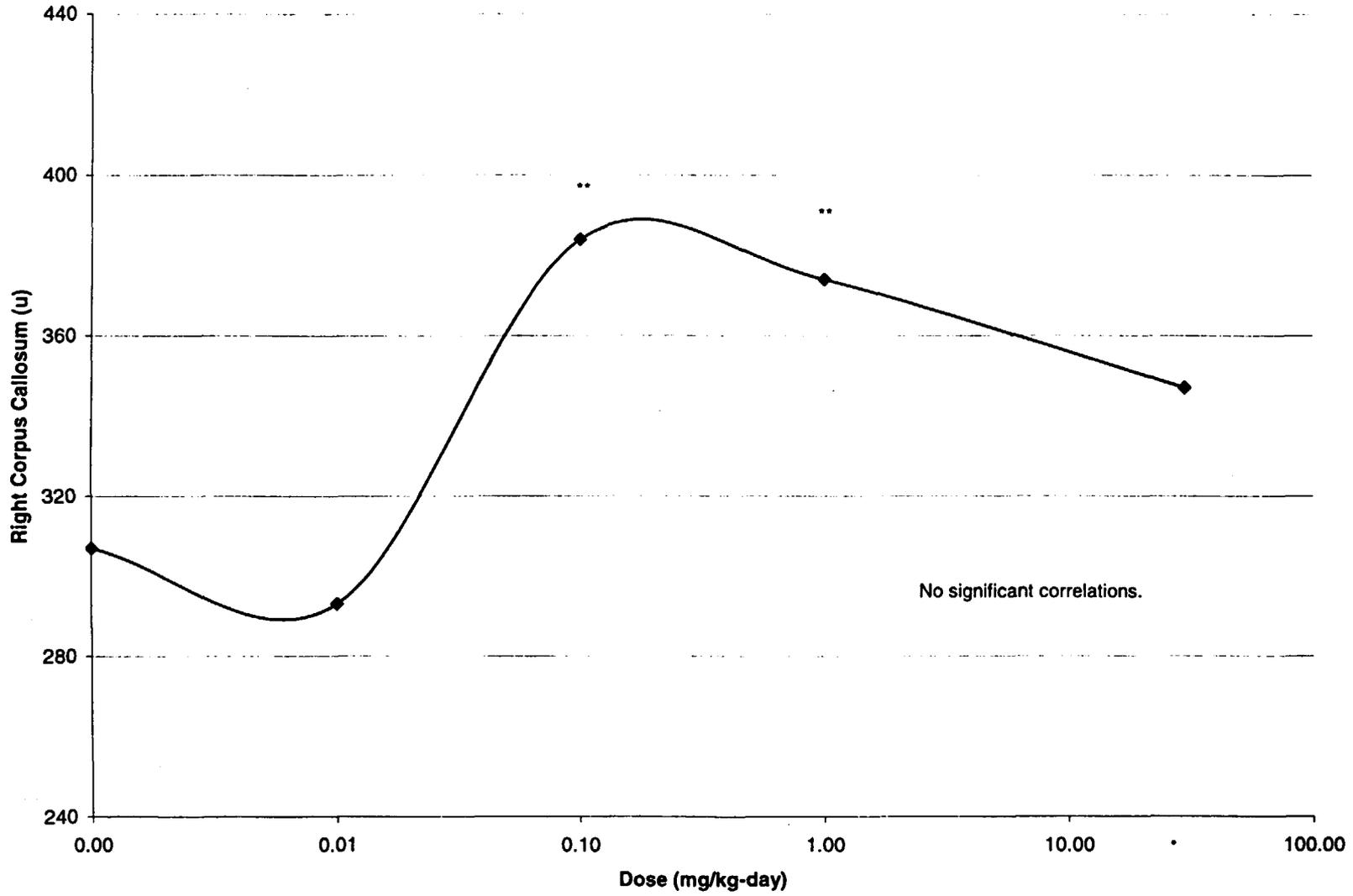
Right Hippocampus Response in Male Rats on PND 10



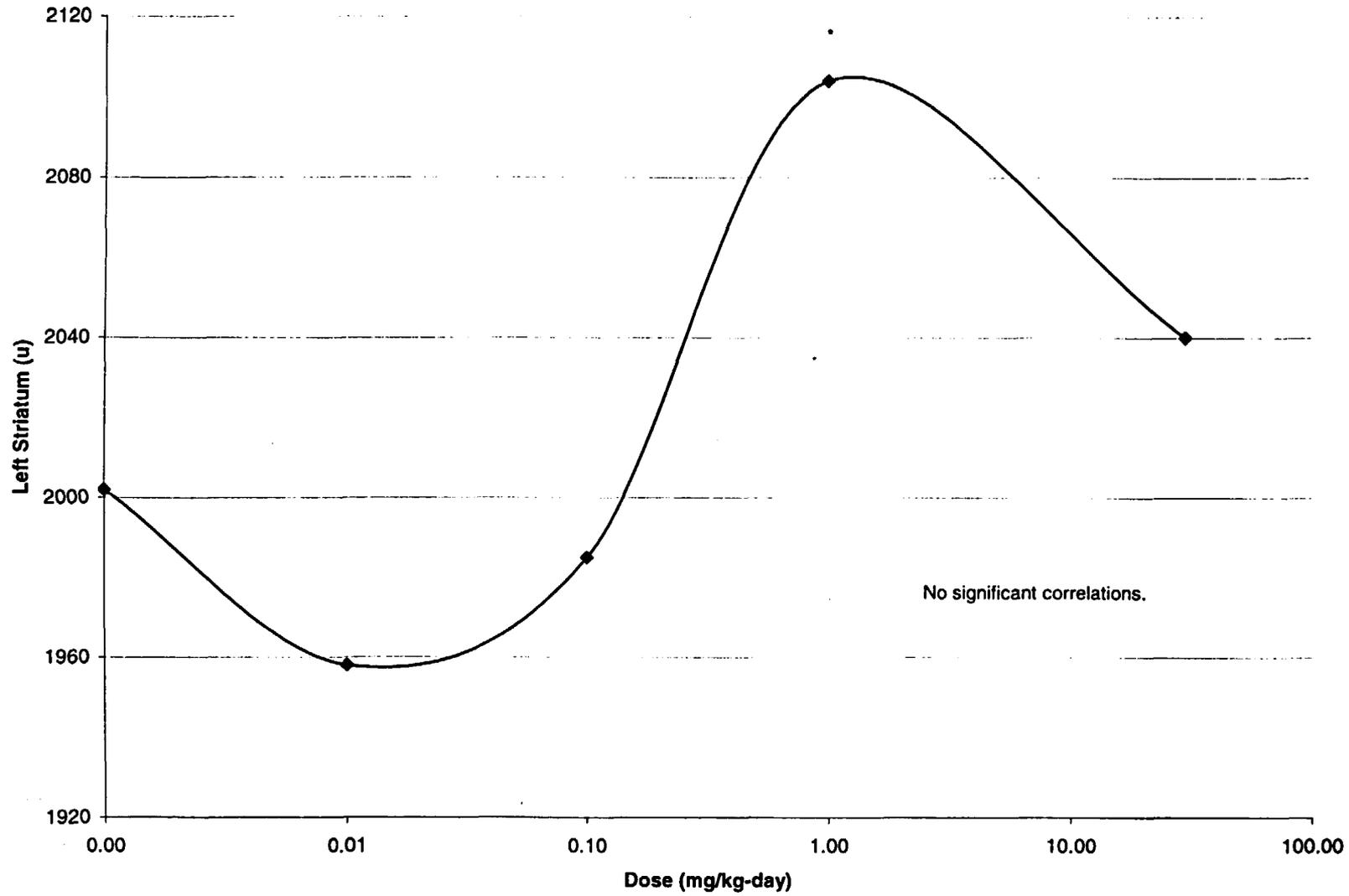
Left Corpus Callusum Response in Male Rats on PND 10



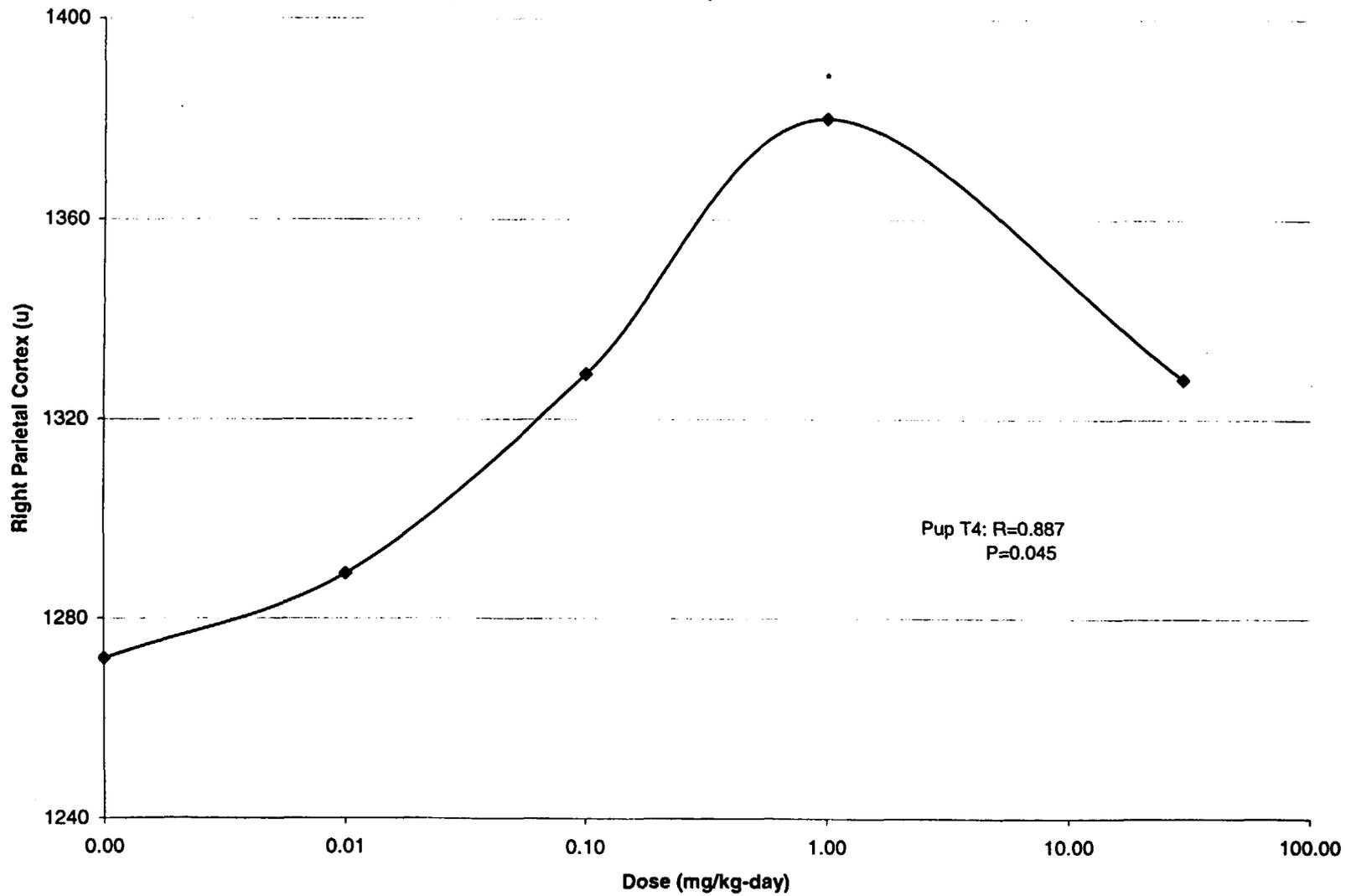
Right Corpus Callosum Response in Male Rats on PND 10



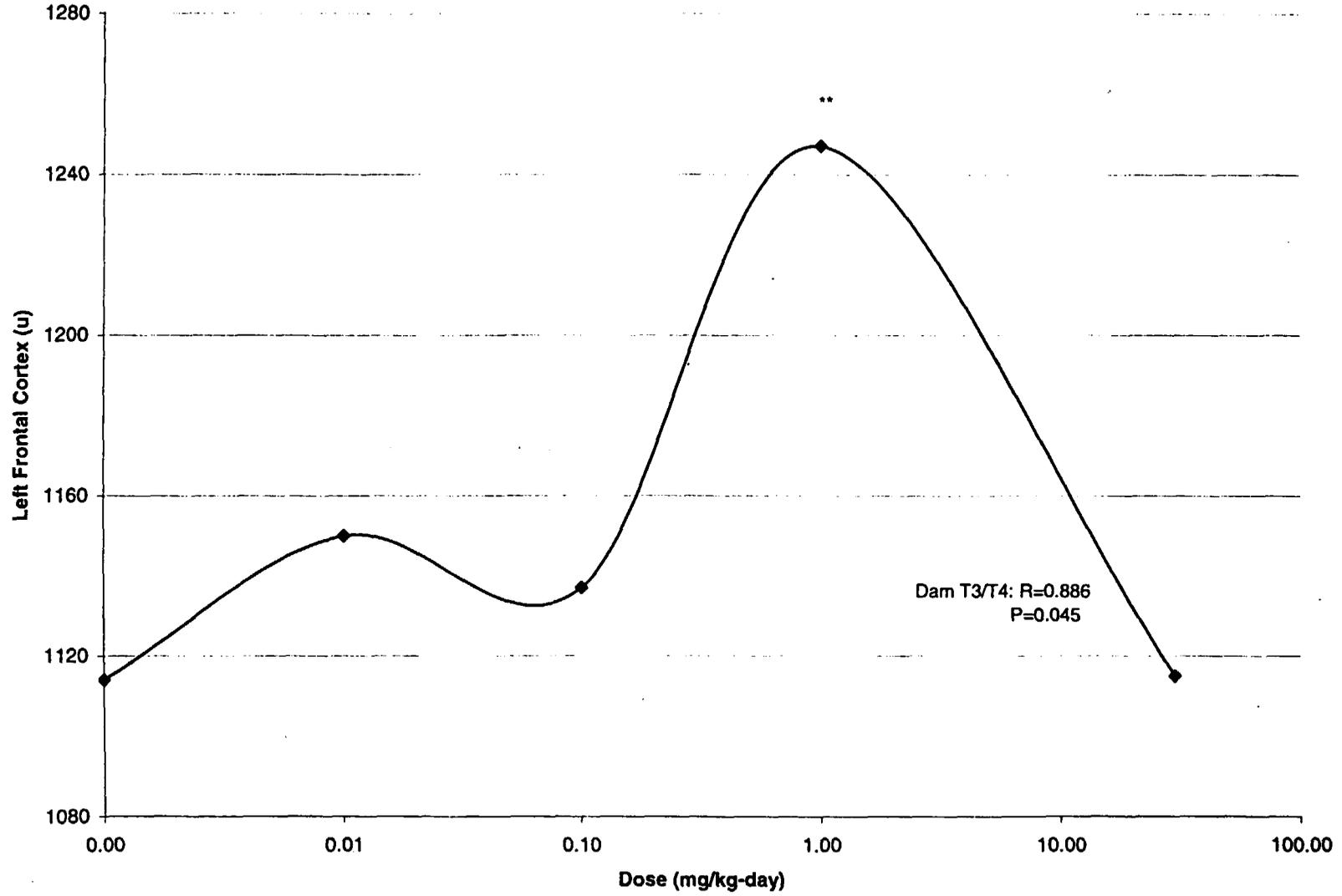
Left Striatum Response in Male Rats on PND 10



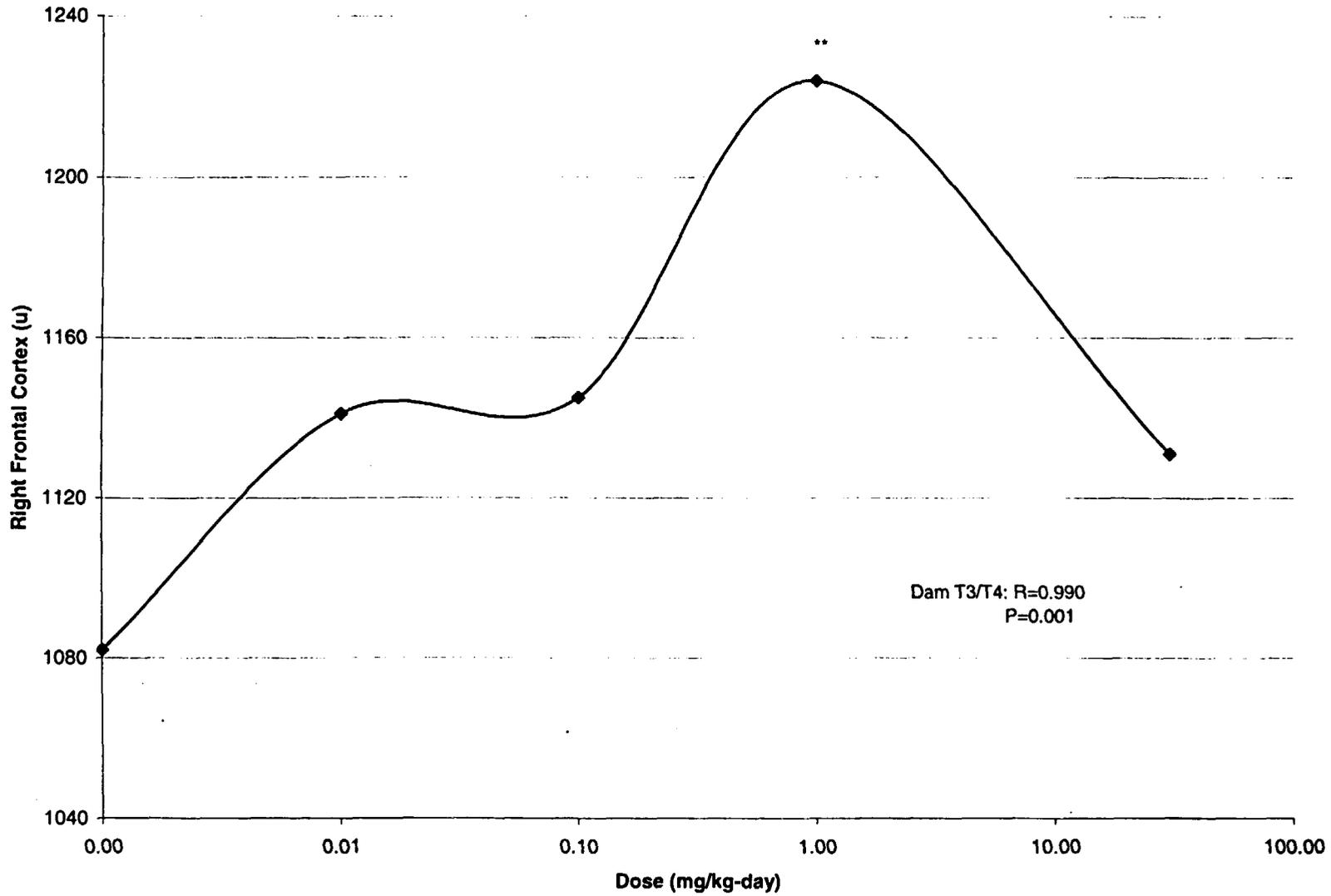
Right Parietal Cortex Response in Male Rats on PND 10



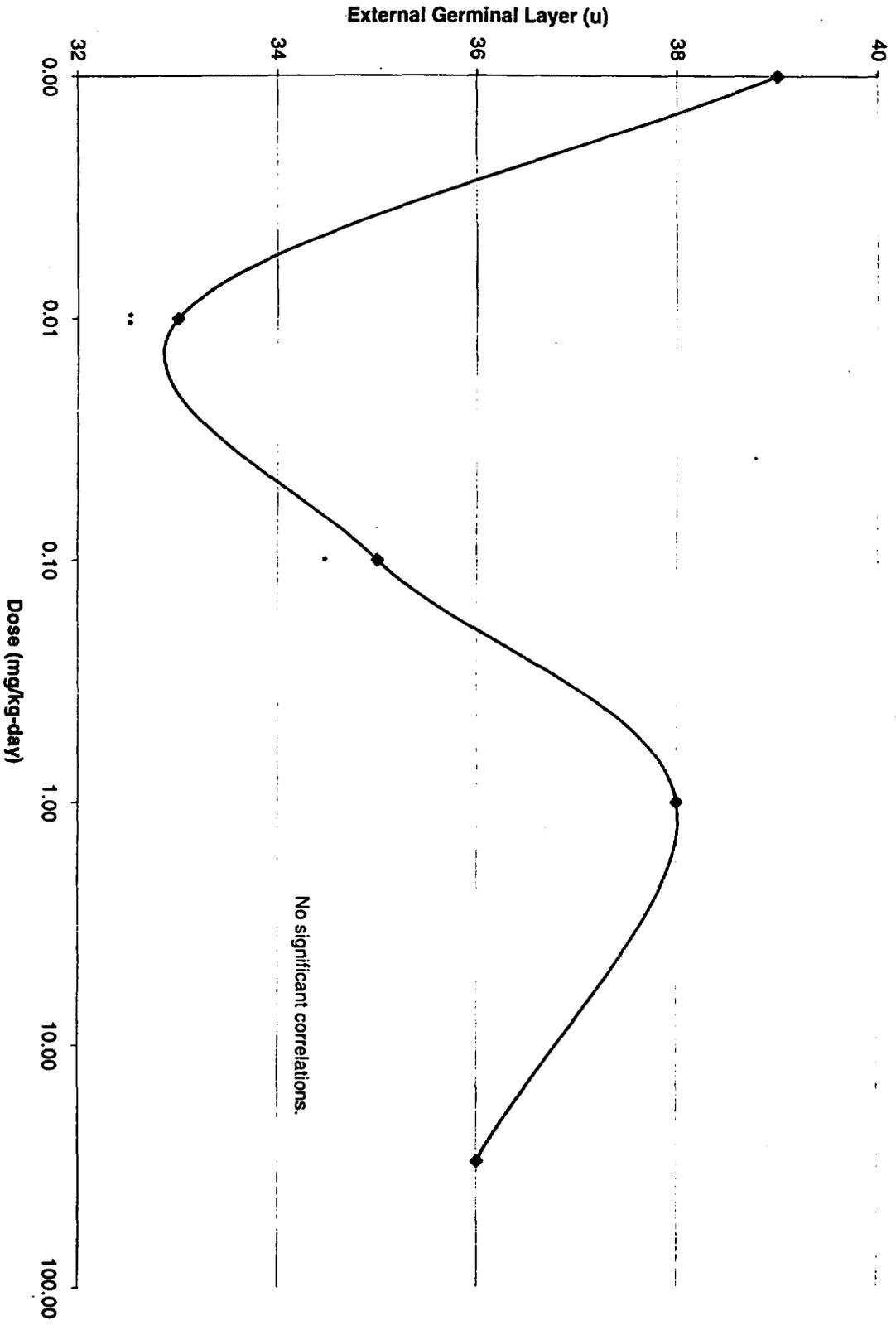
Left Frontal Cortex Response in Male Rats on PND 10



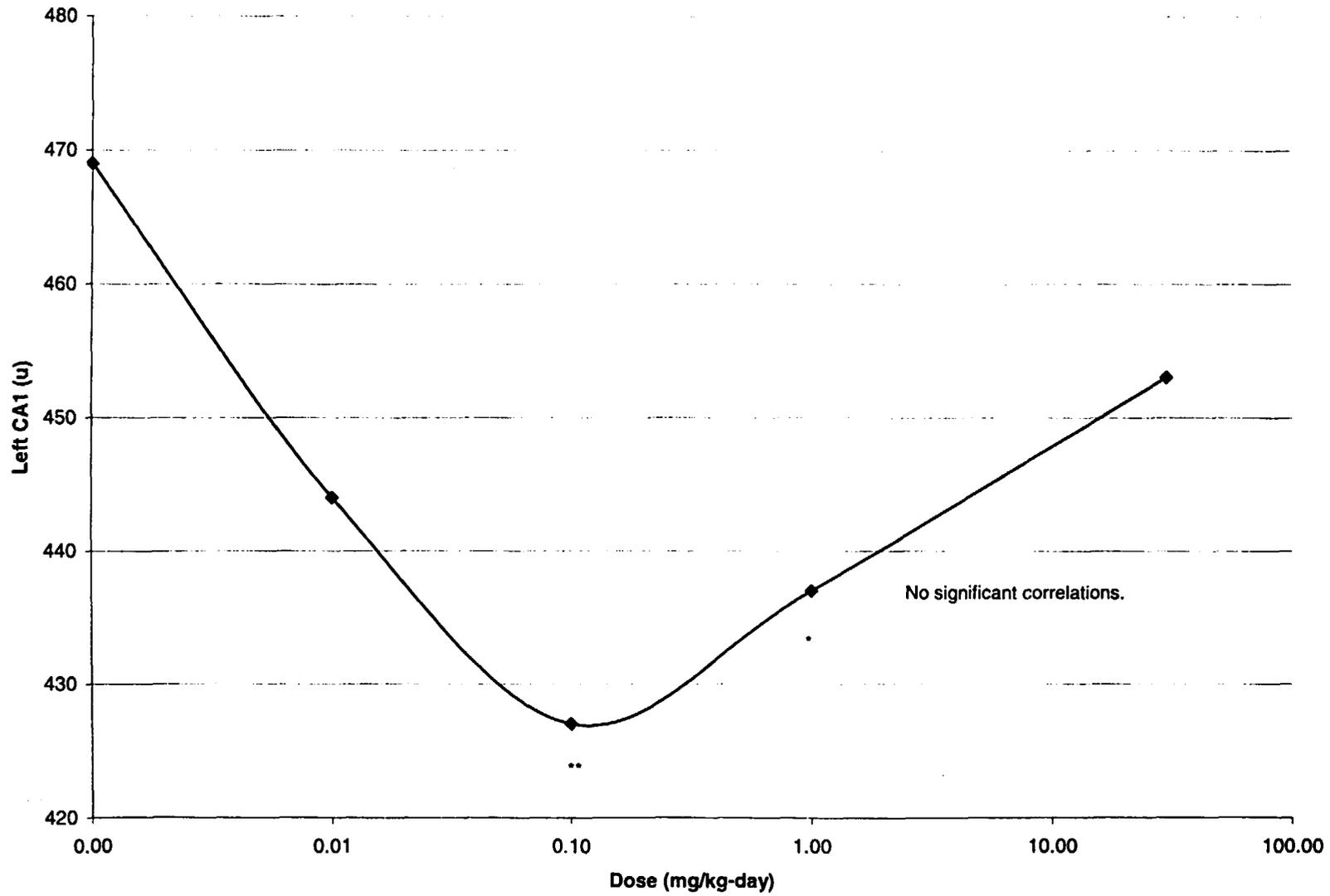
Right Frontal Cortex Response in Male Rats on PND 10



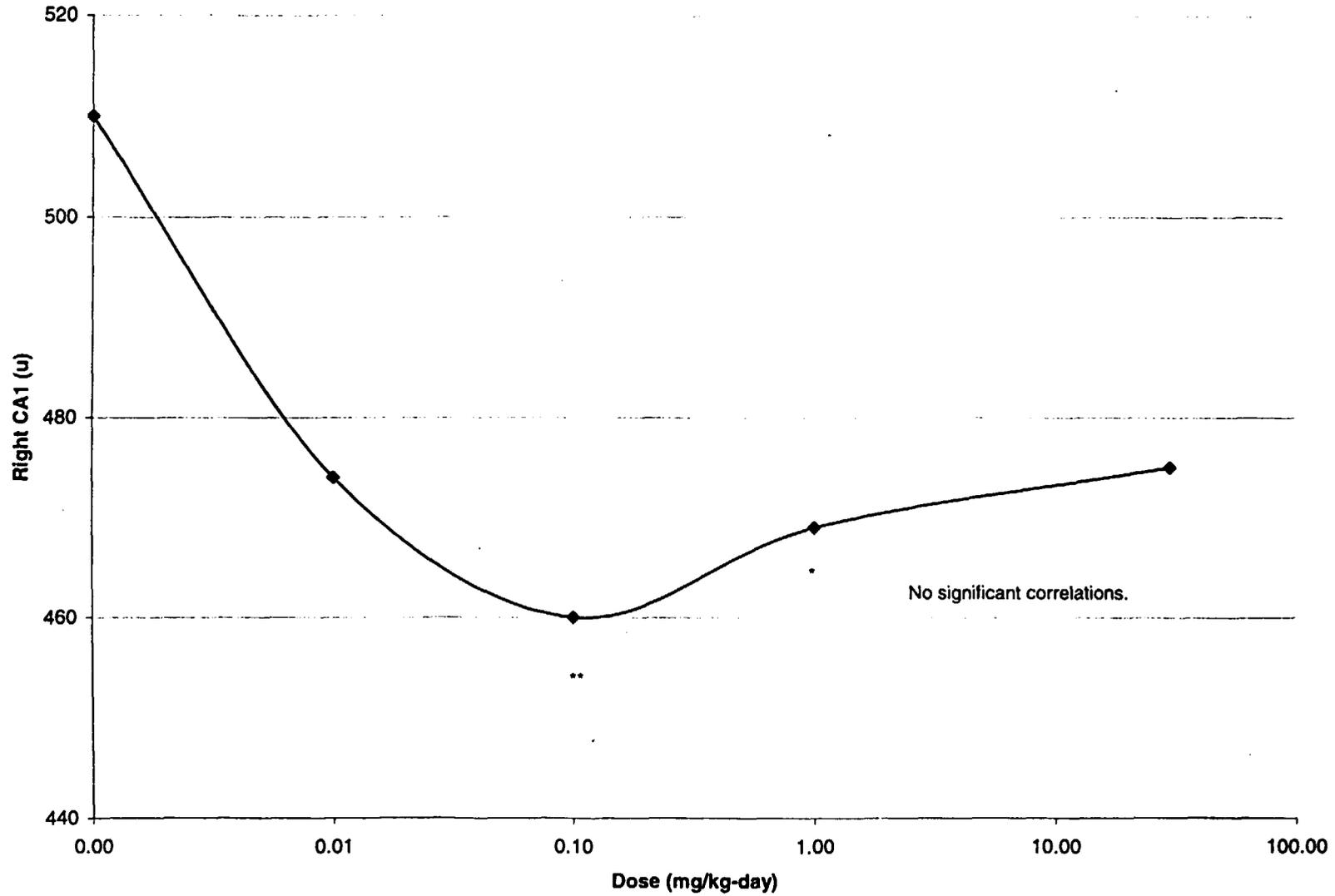
External Germinal Layer Response in Female Rats PND 10



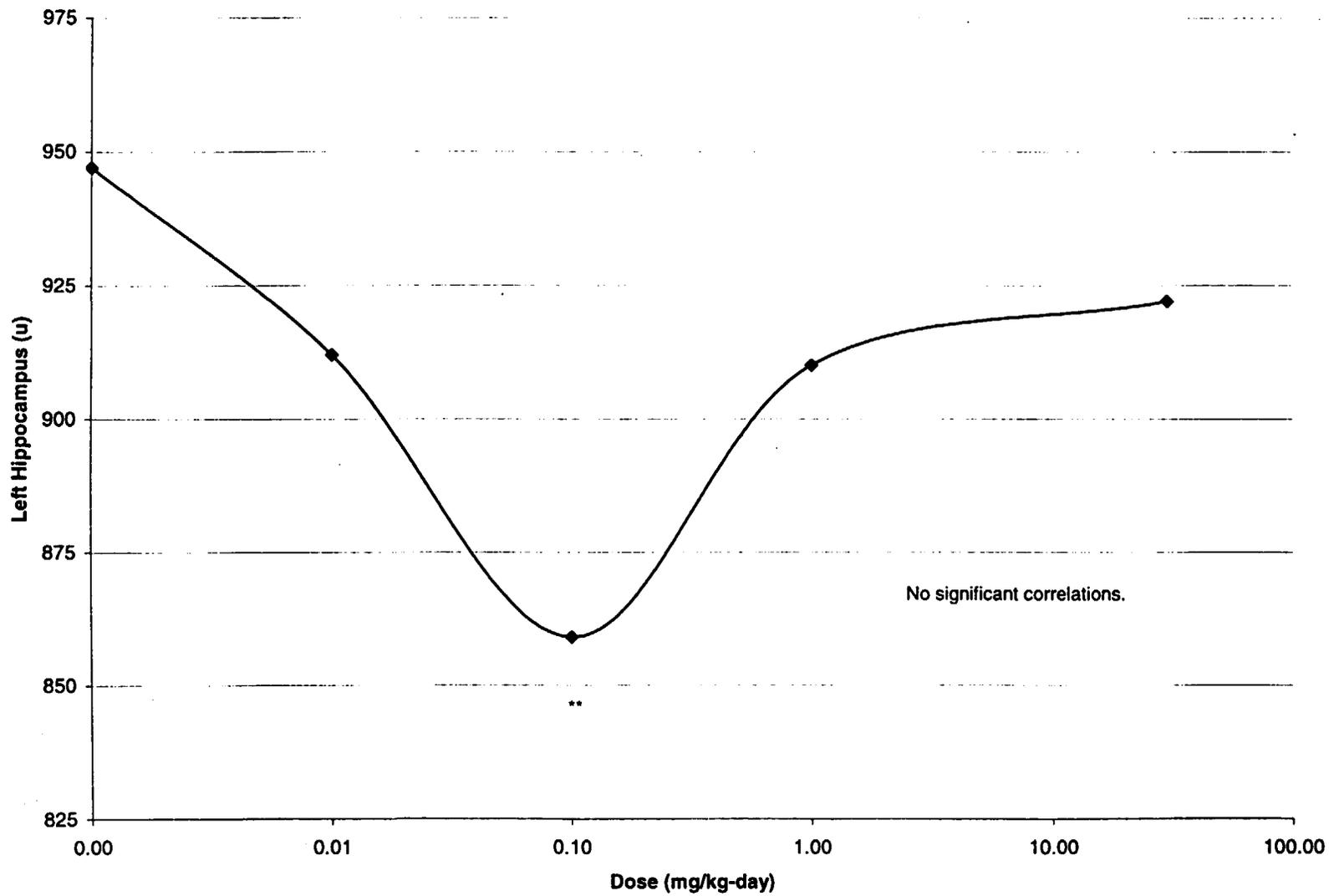
Left CA1 Response in Female Rats on PND 10



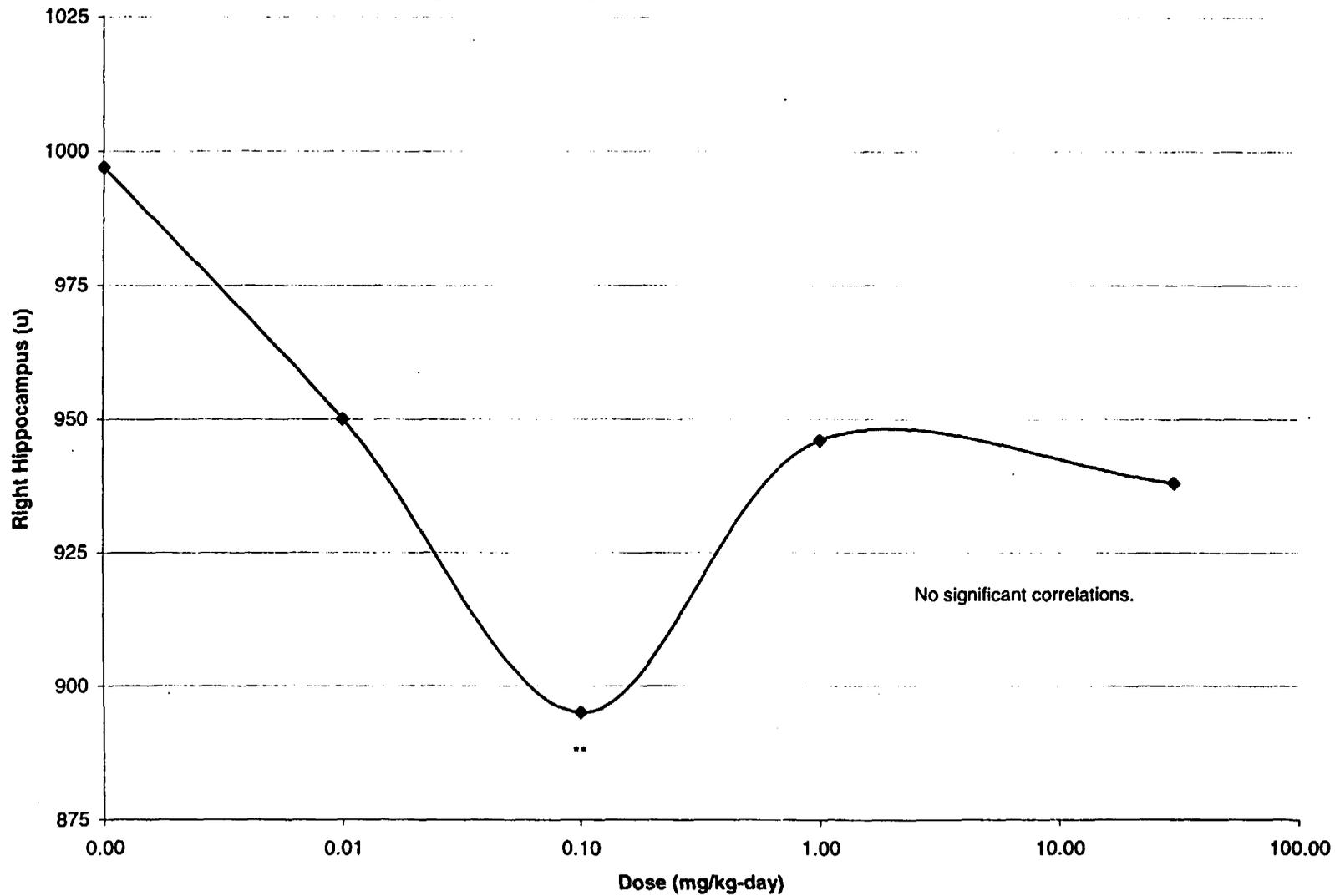
Right CA1 Response in Female Rats on PND 10



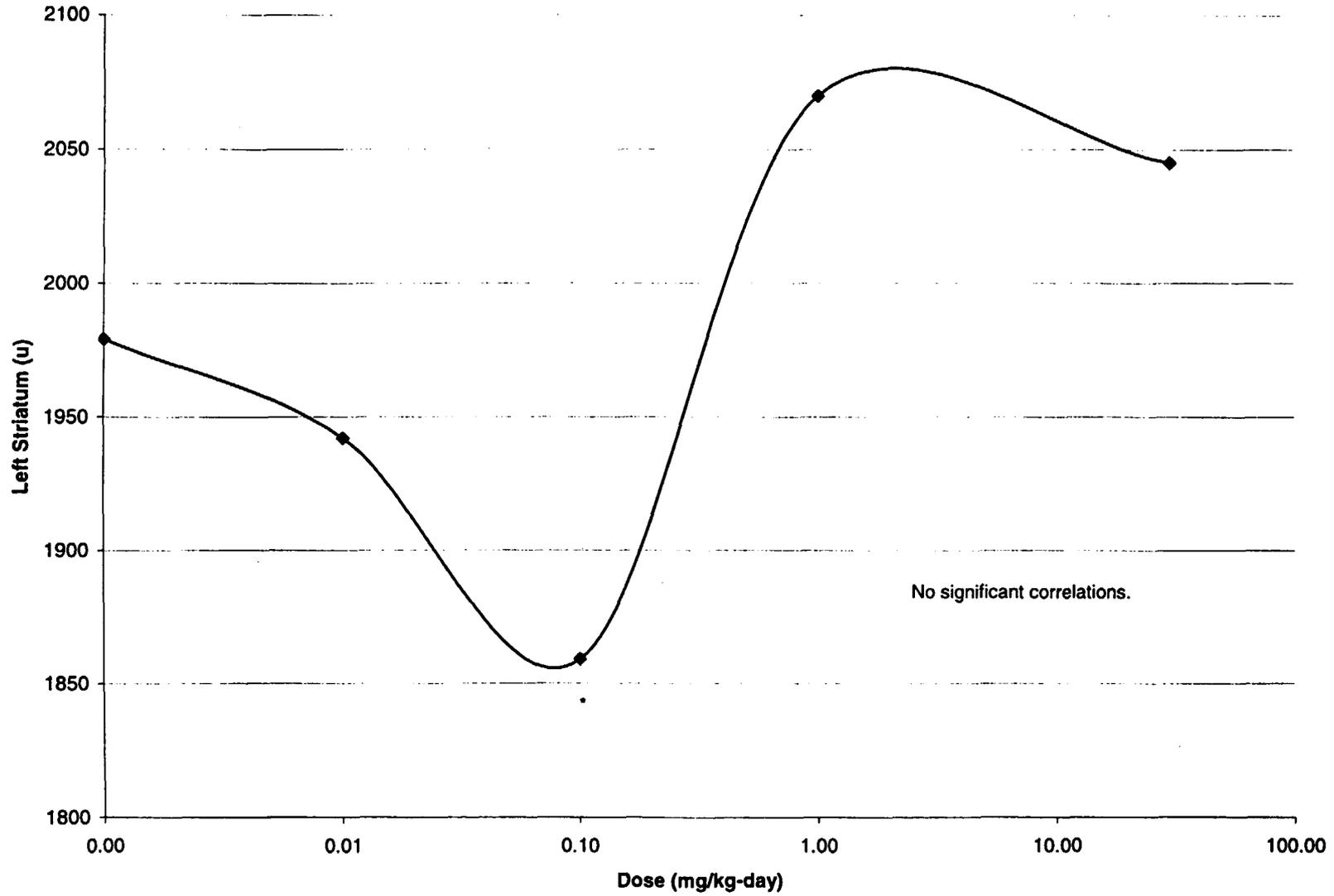
Left Hippocampus Response in Female Rats on PND 10



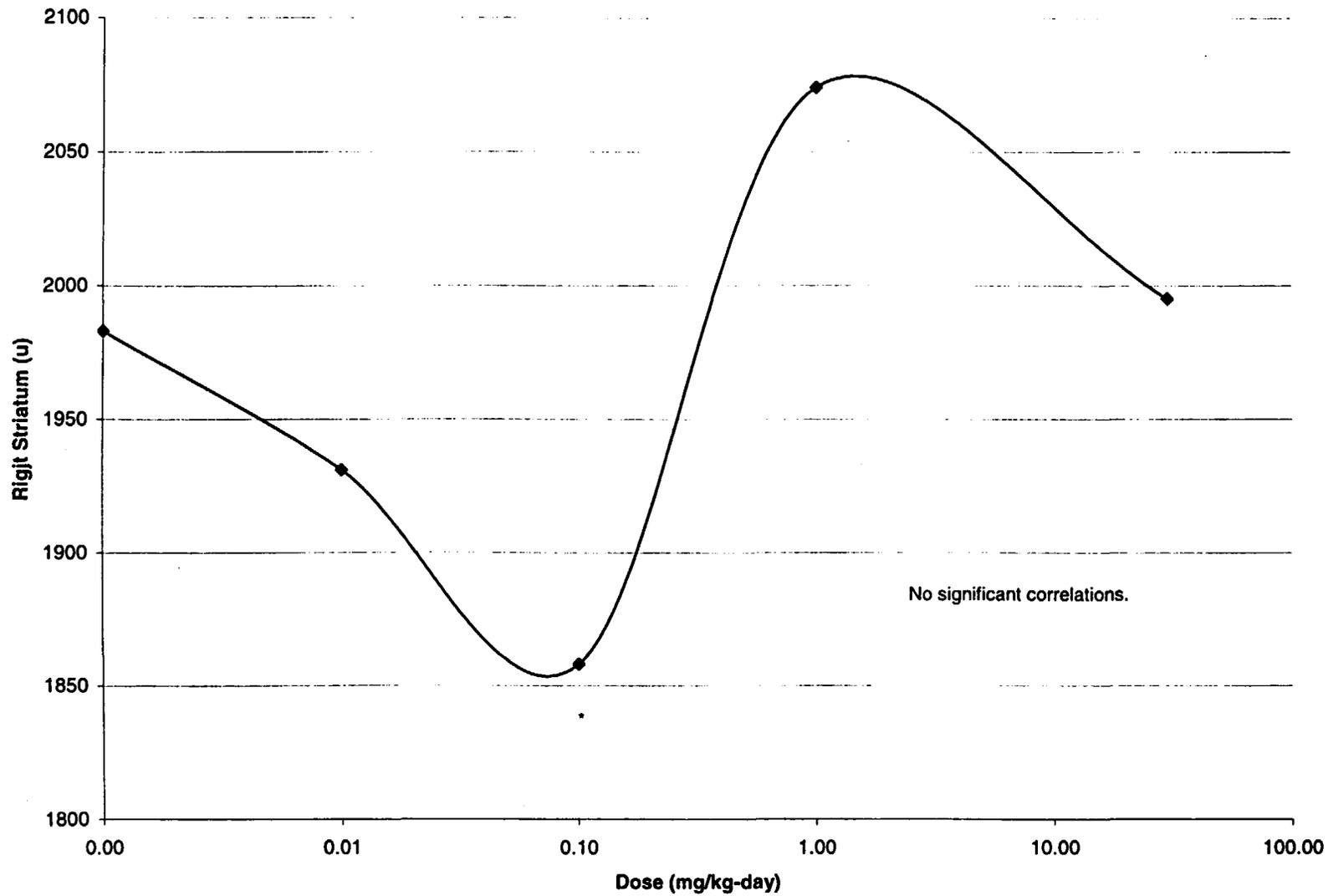
Right Hippocampus Response in Female Rats on PND 10



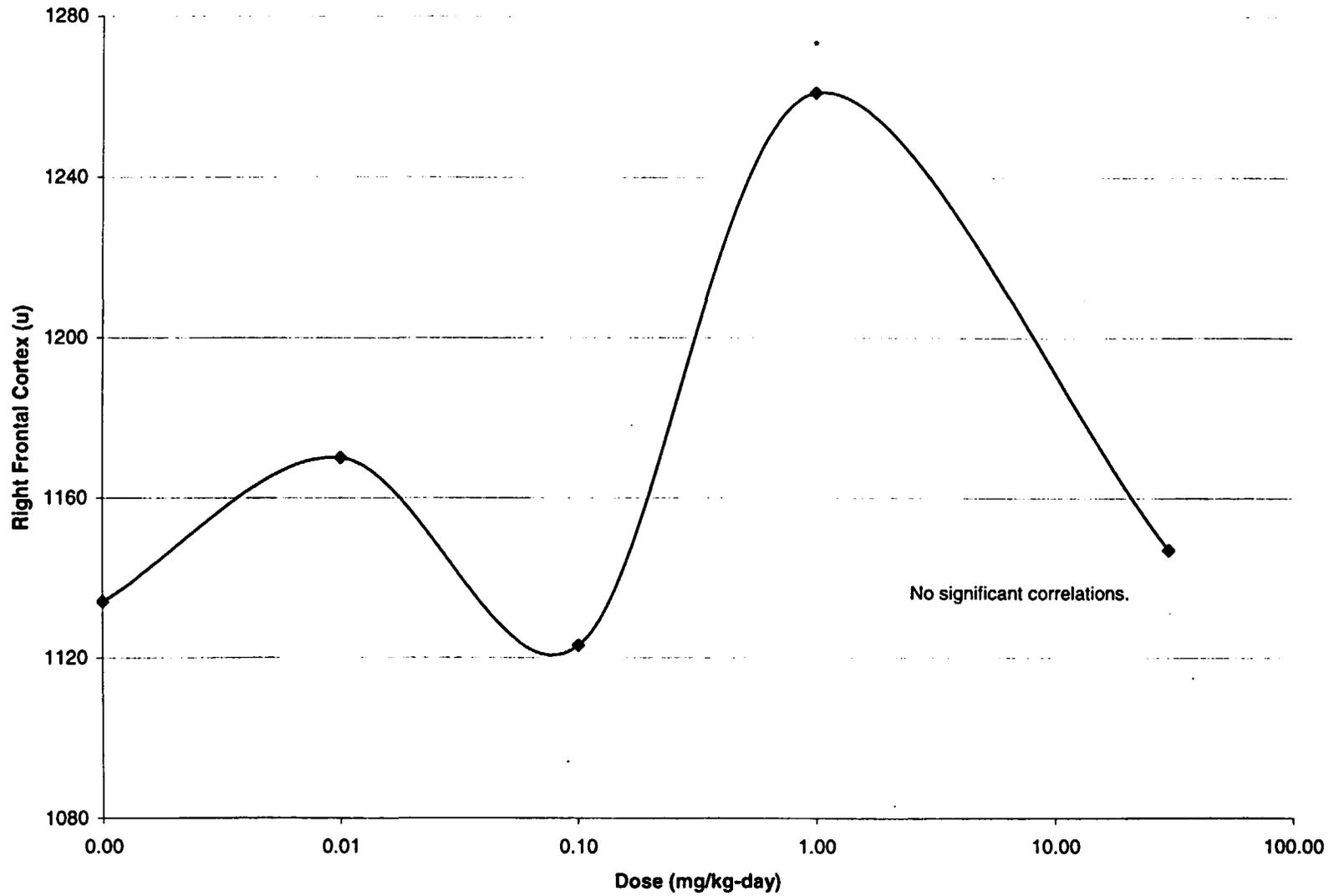
Left Striatum Response in Female Rats on PND 10



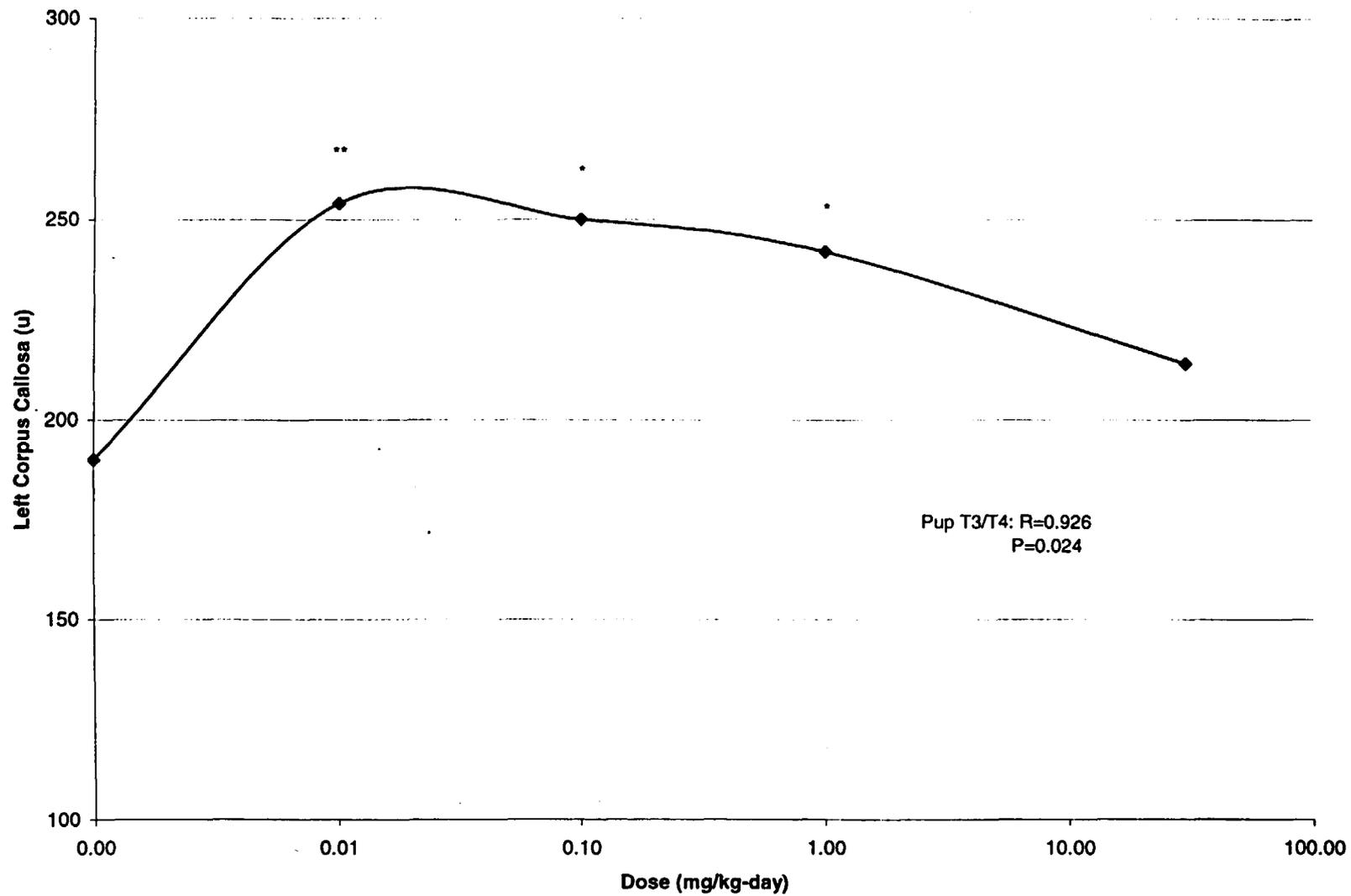
Right Striatum Response in Female Rats on PND 10



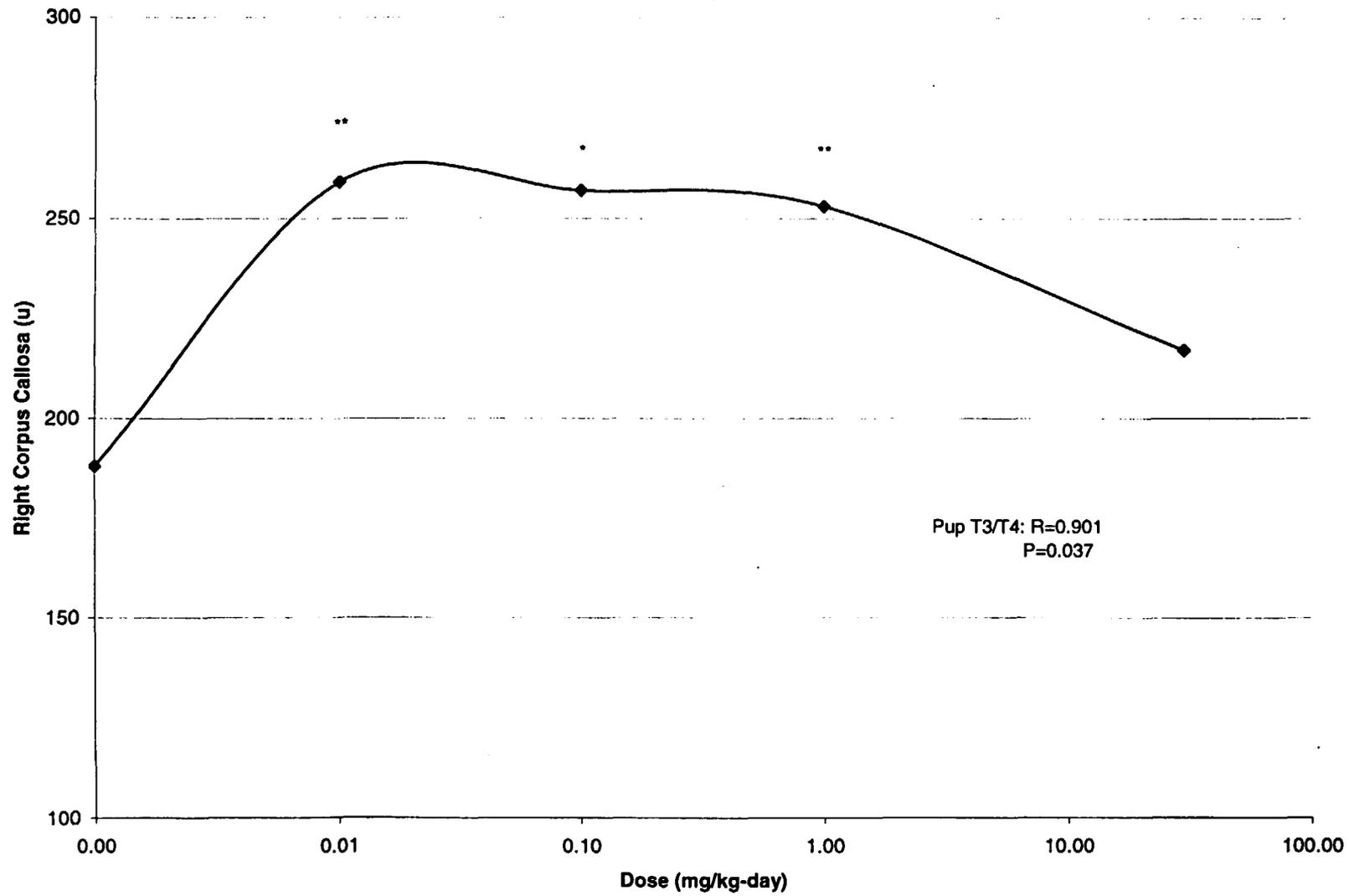
Right Frontal Cortex Response in Female Rats on PND 10



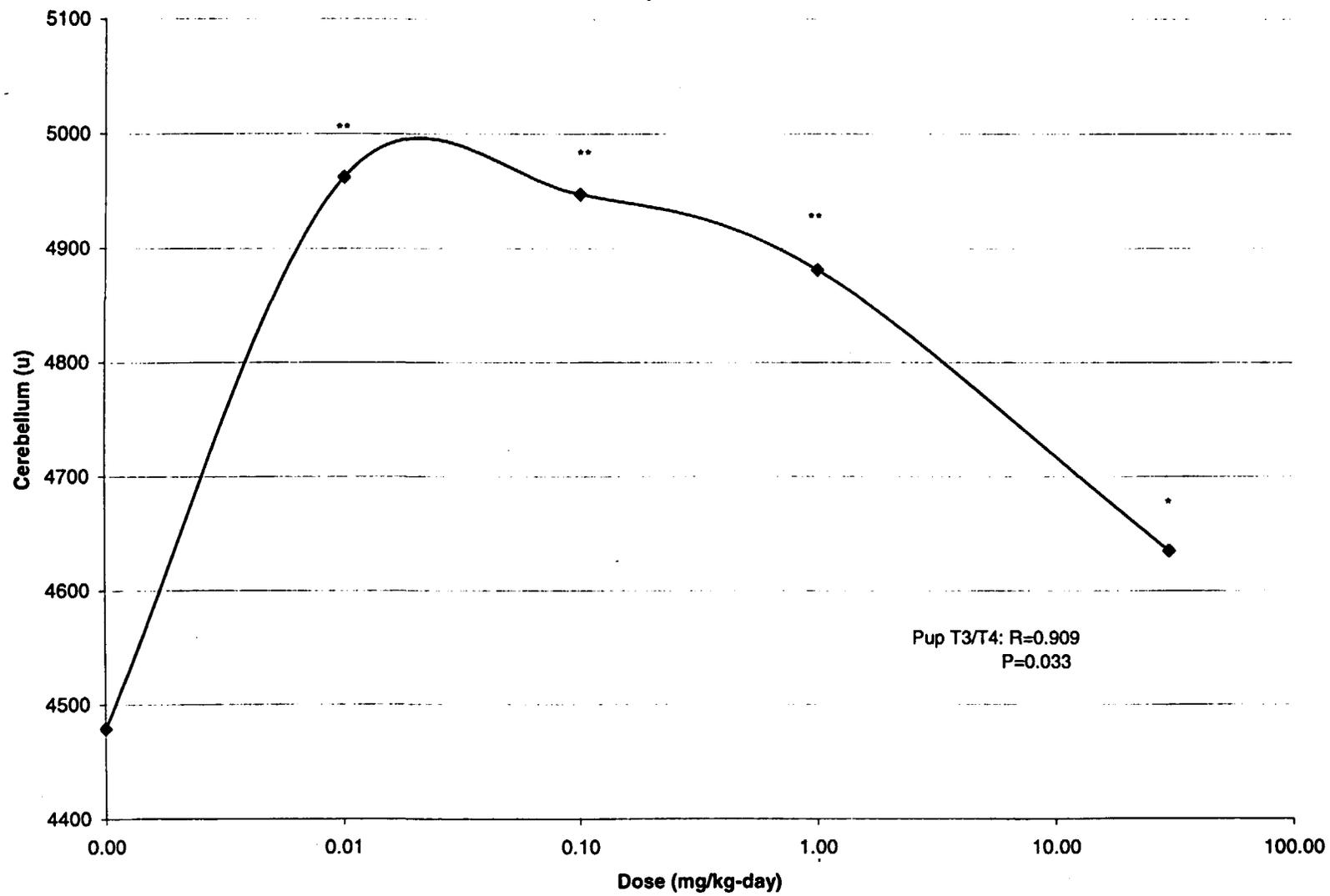
Left Corpus Callosum Response in Male Rats on PND 22



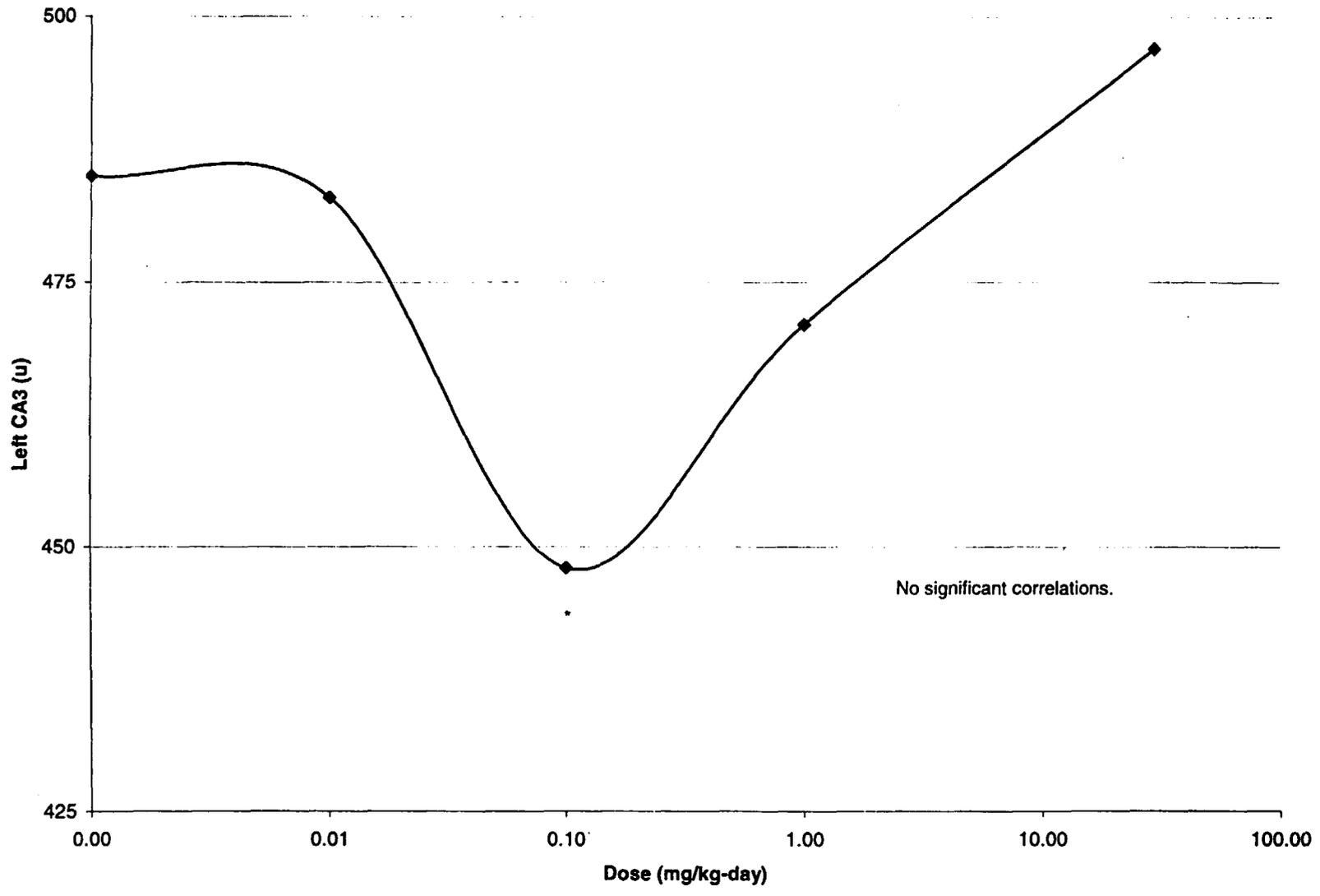
Right Corpus Callosum Response in Male Rats on PND 22



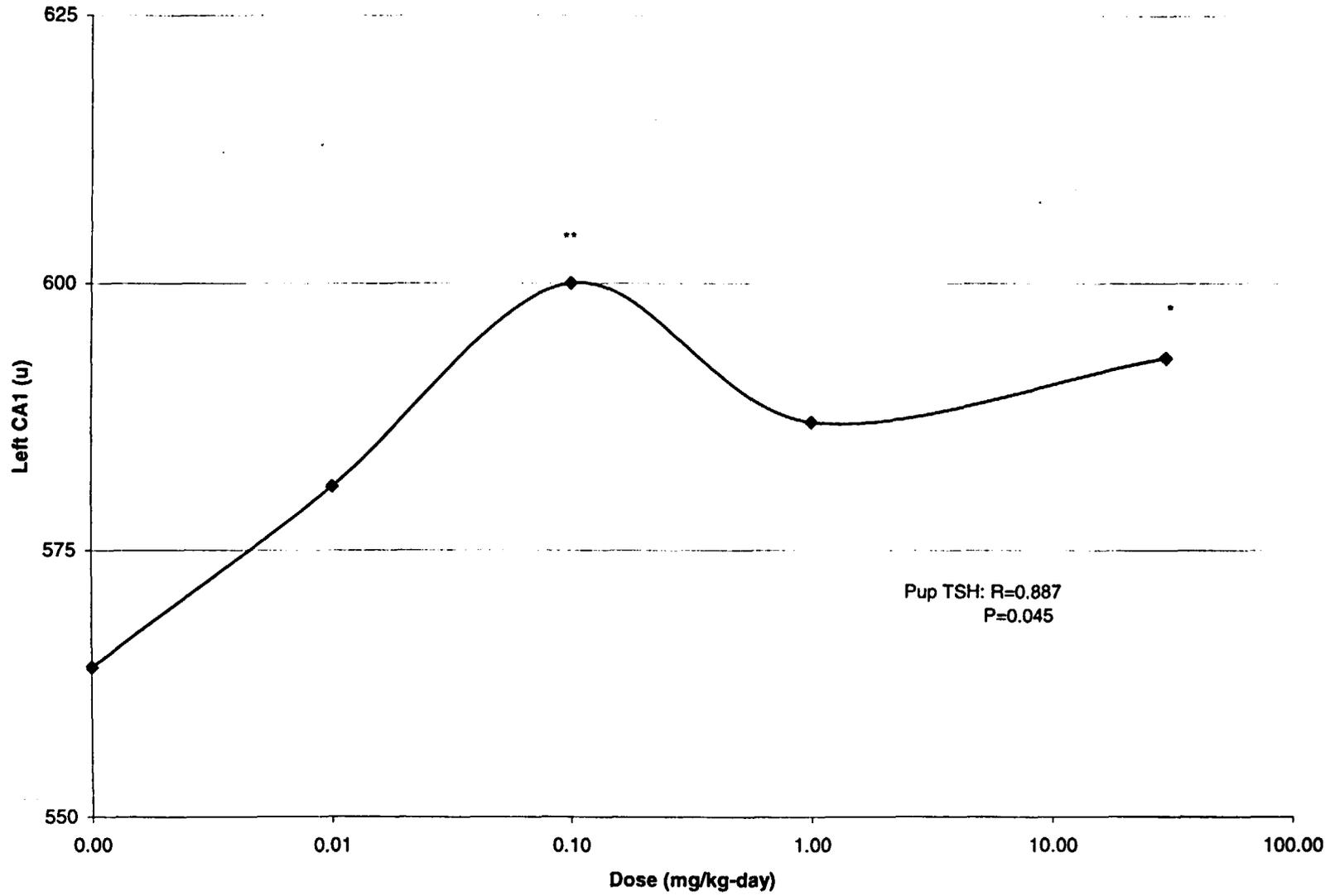
Cerebellum Response in Male Rats on PND 22



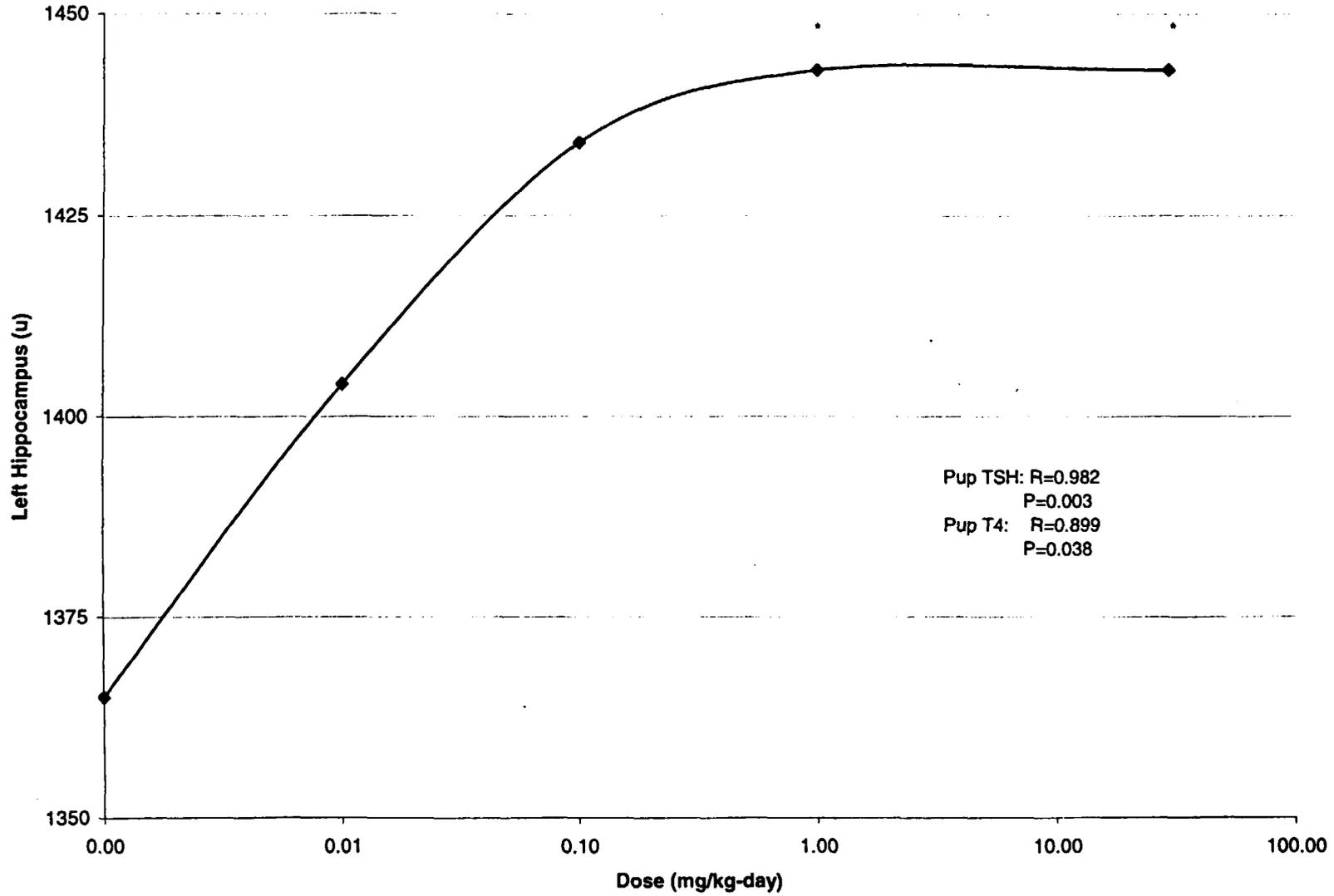
Left CA3 Response in Male Rats on PND 22



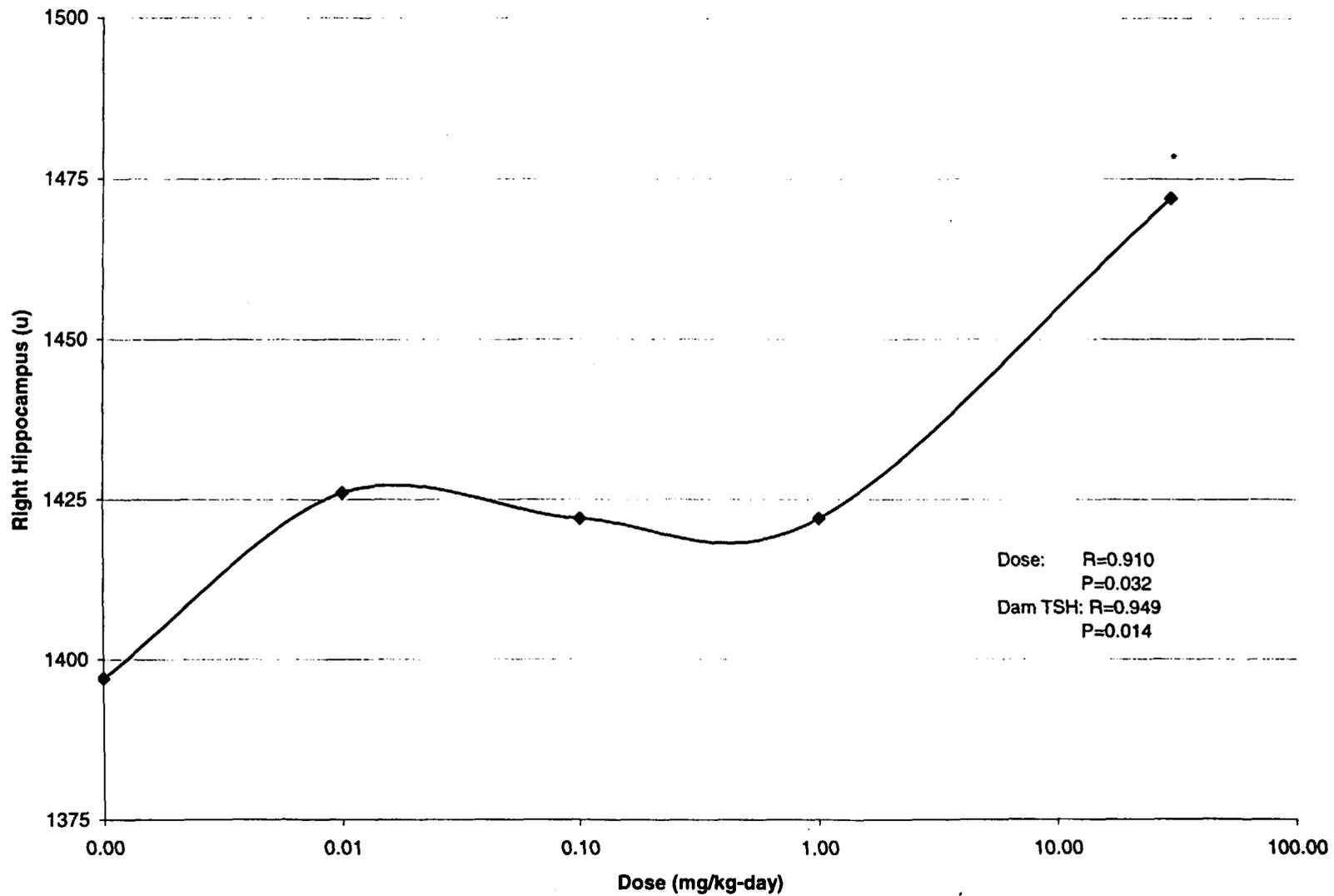
Left CA1 Response in Male Rats on PND 22



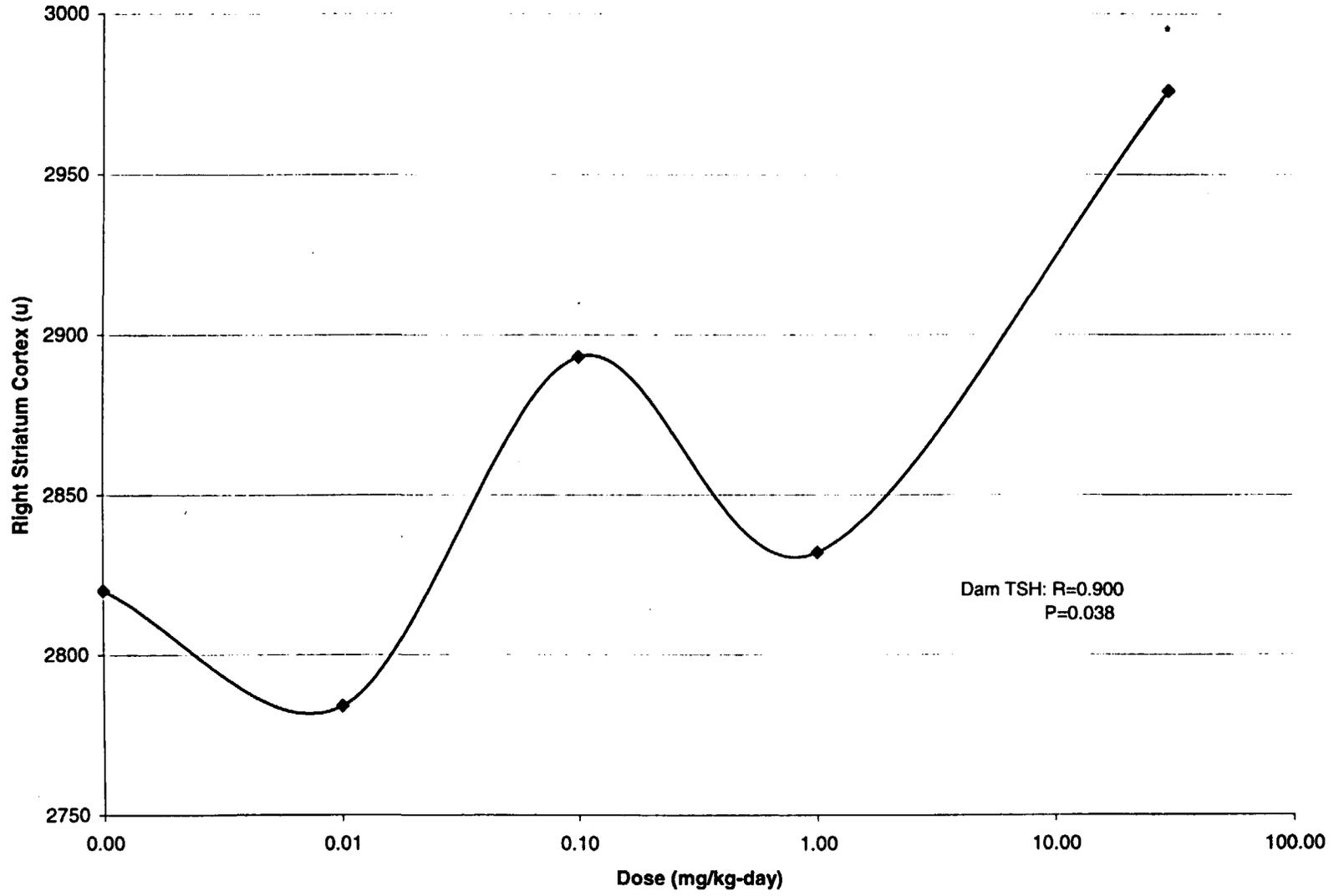
Left Hippocampus Response in Male Rats on PND 22



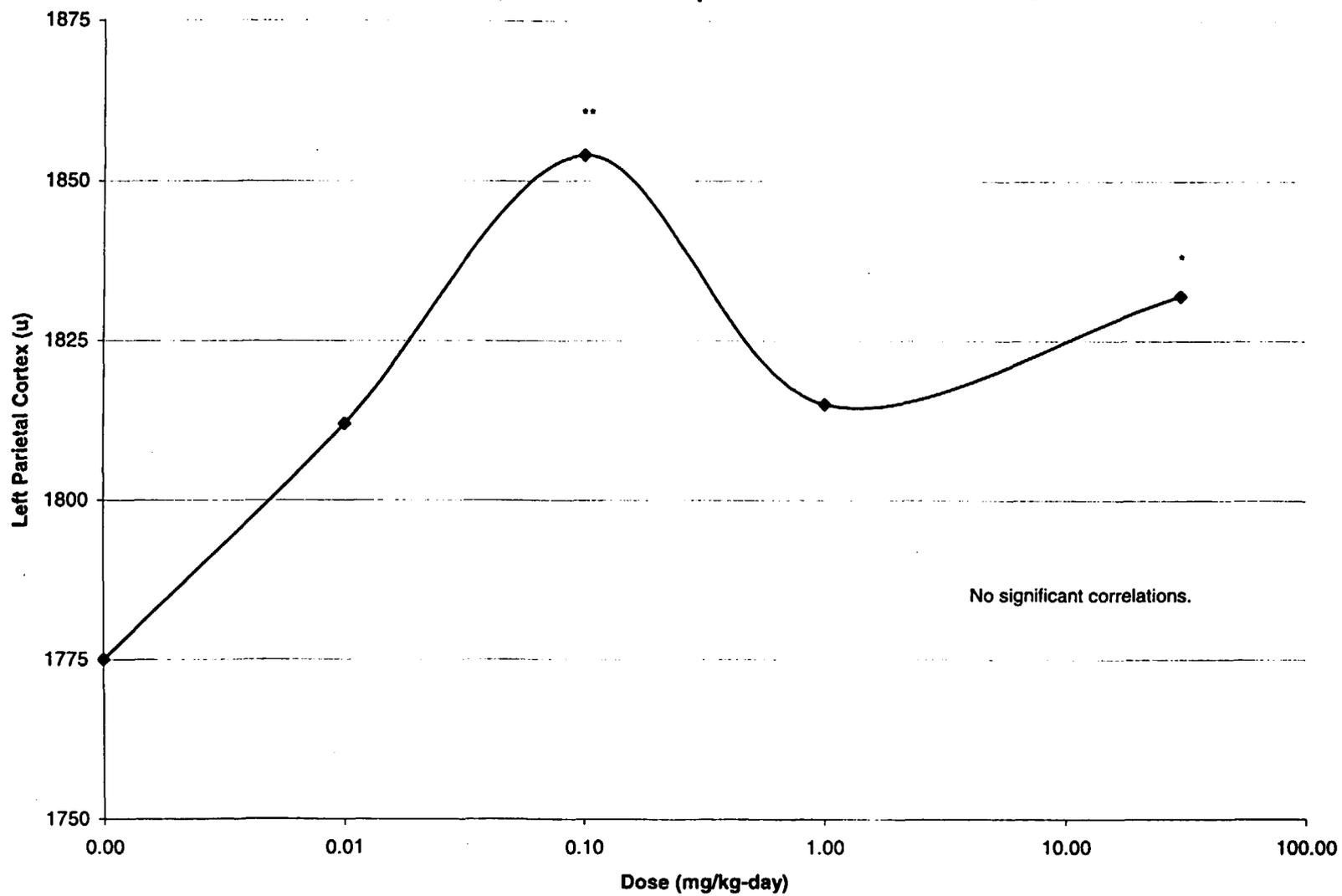
Right Hippocampus Response in Male Rats on PND 22



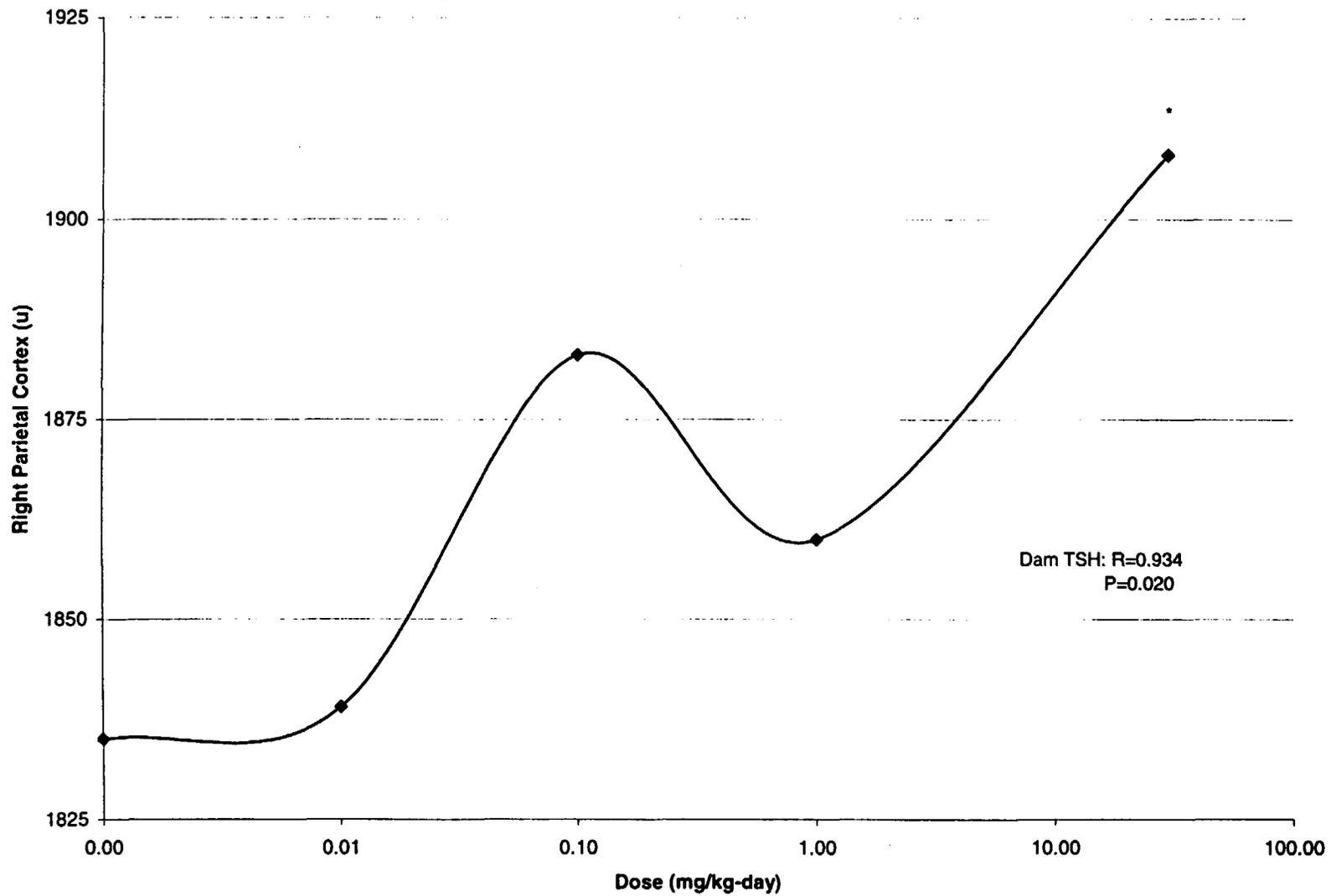
Right Striatum Response in Male Rats on PND 22



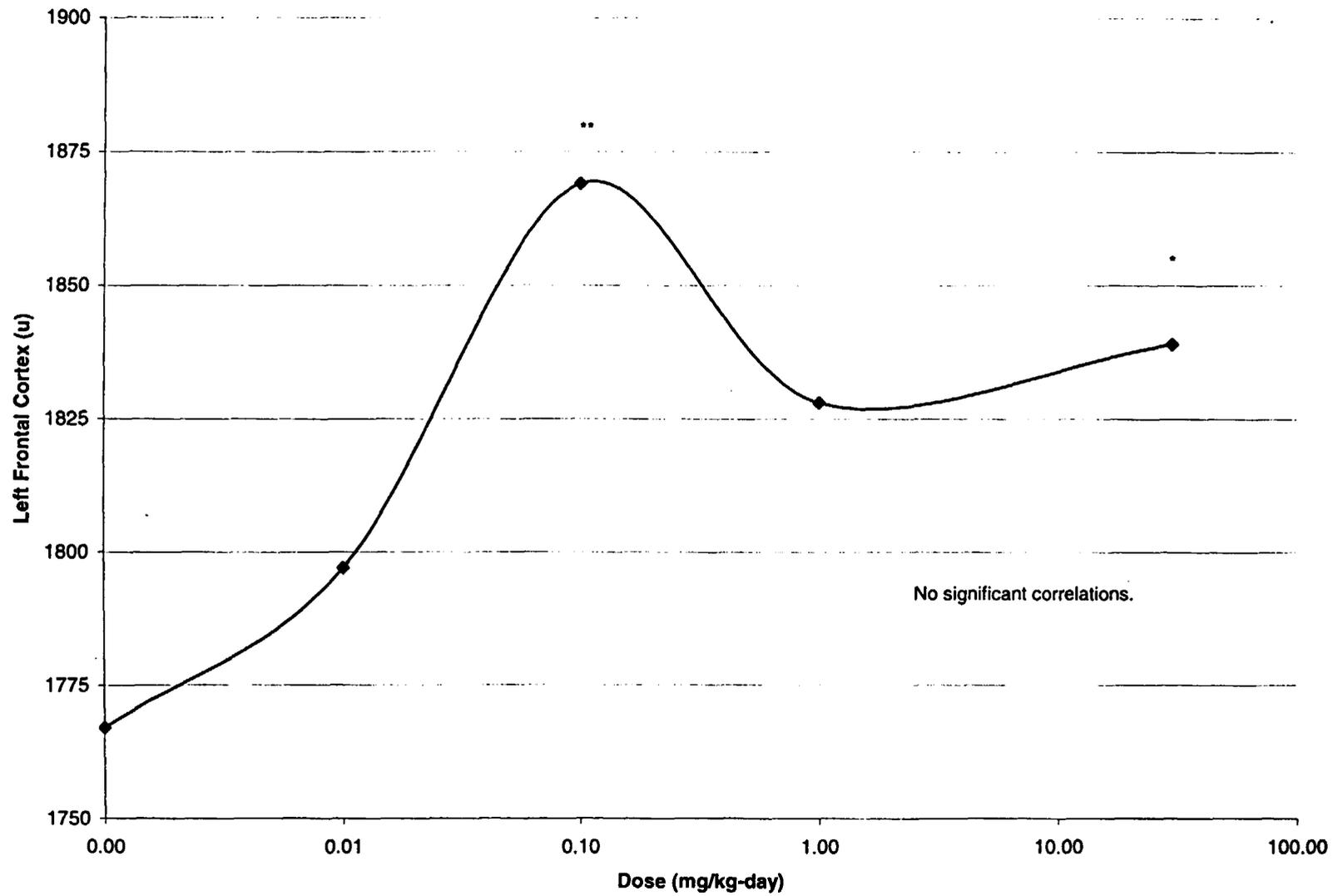
Left Parietal Cortex Response in Male Rats on PND 22



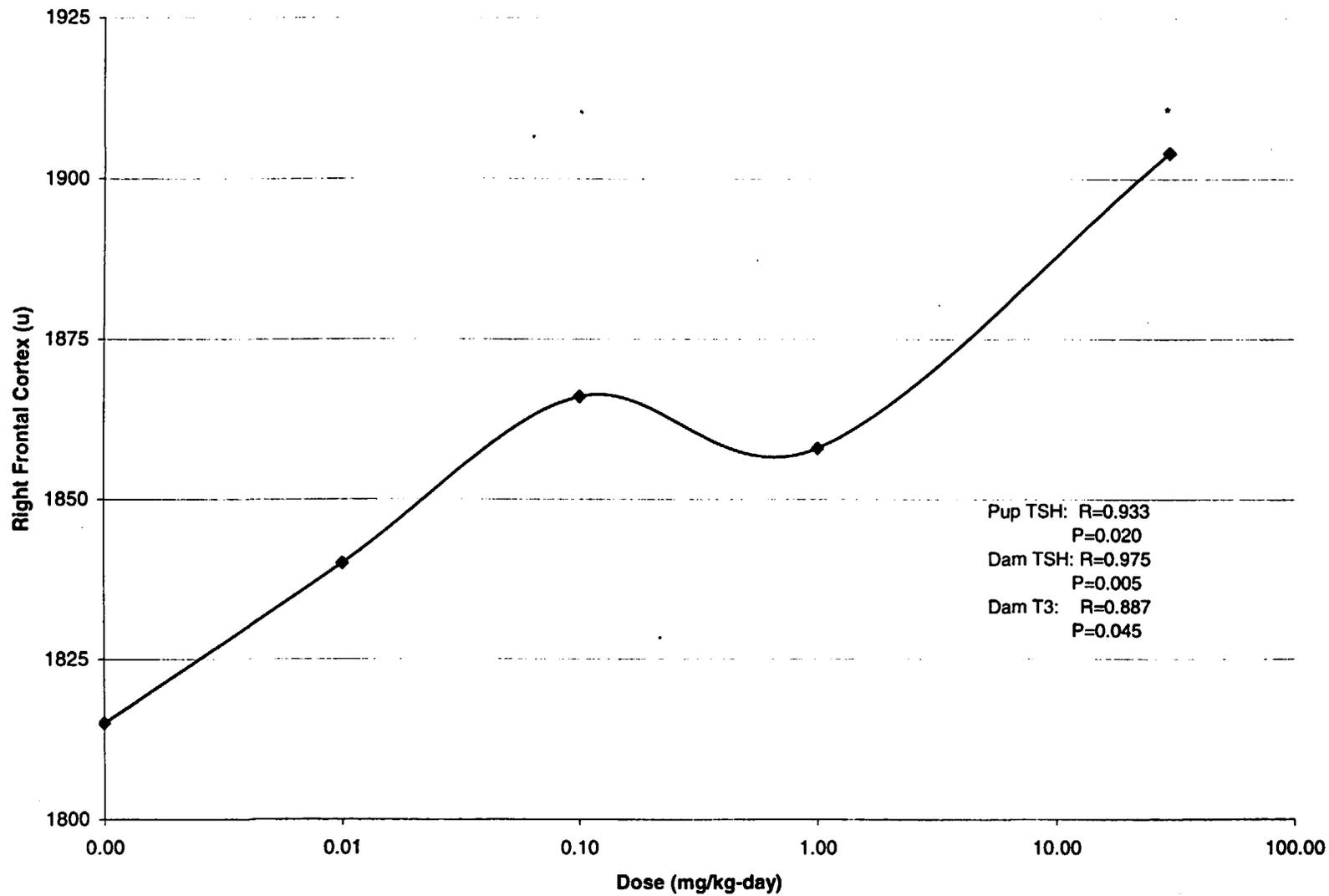
Right Parietal Cortex Response in Male Rats on PND 22



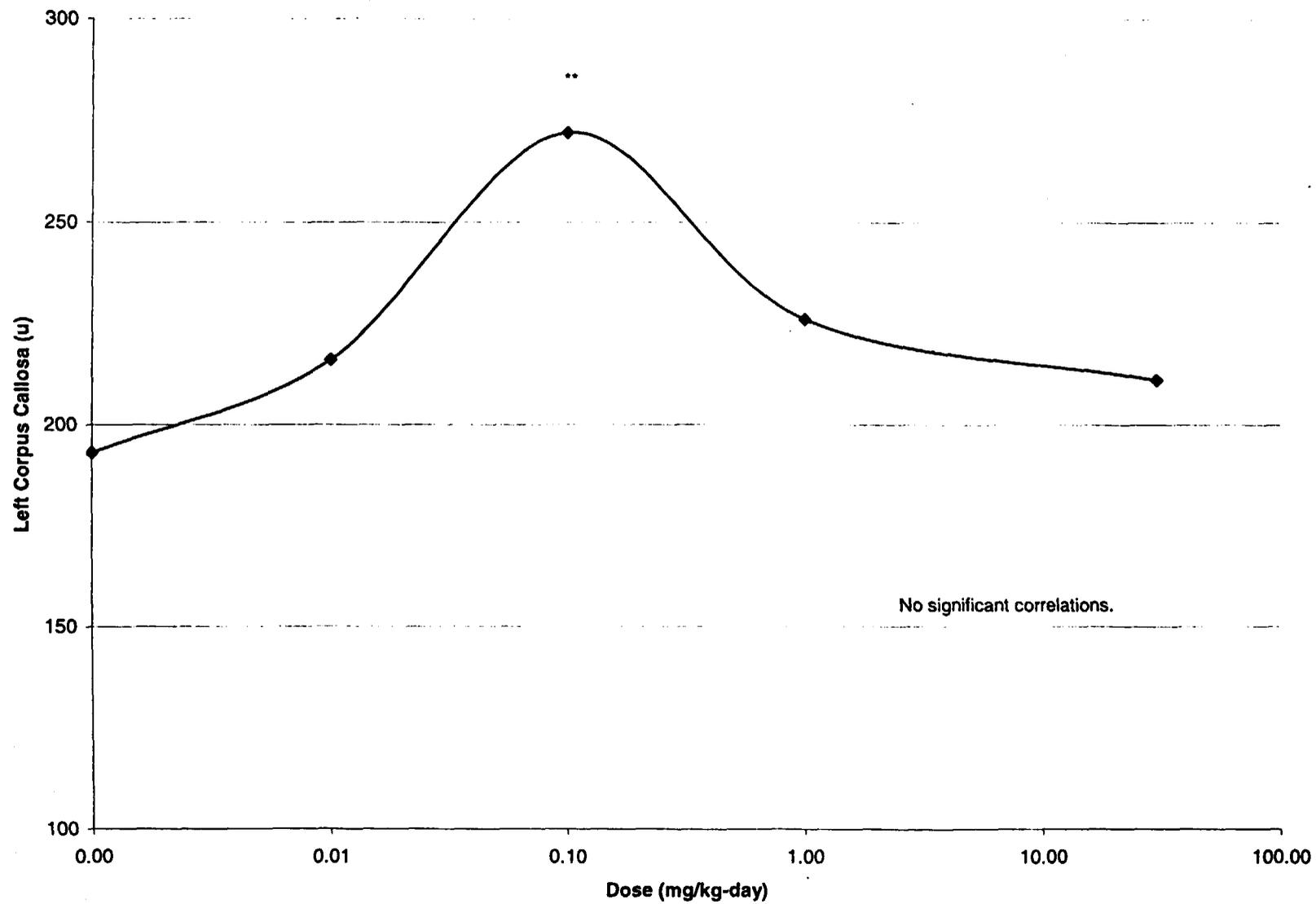
Left Frontal Cortex Response in Male Rats on PND 22



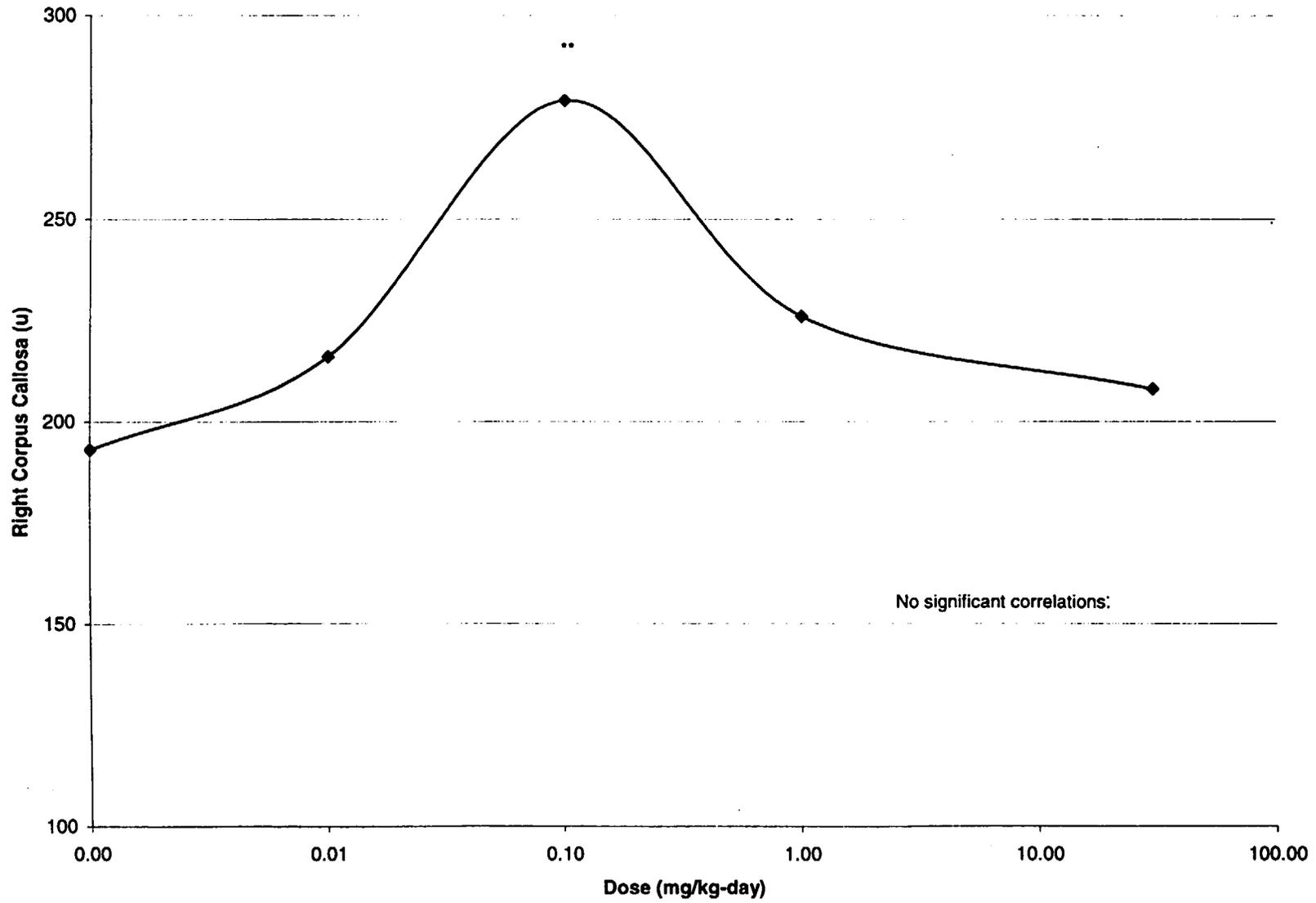
Right Frontal Cortex Response in Male Rats on PND 22



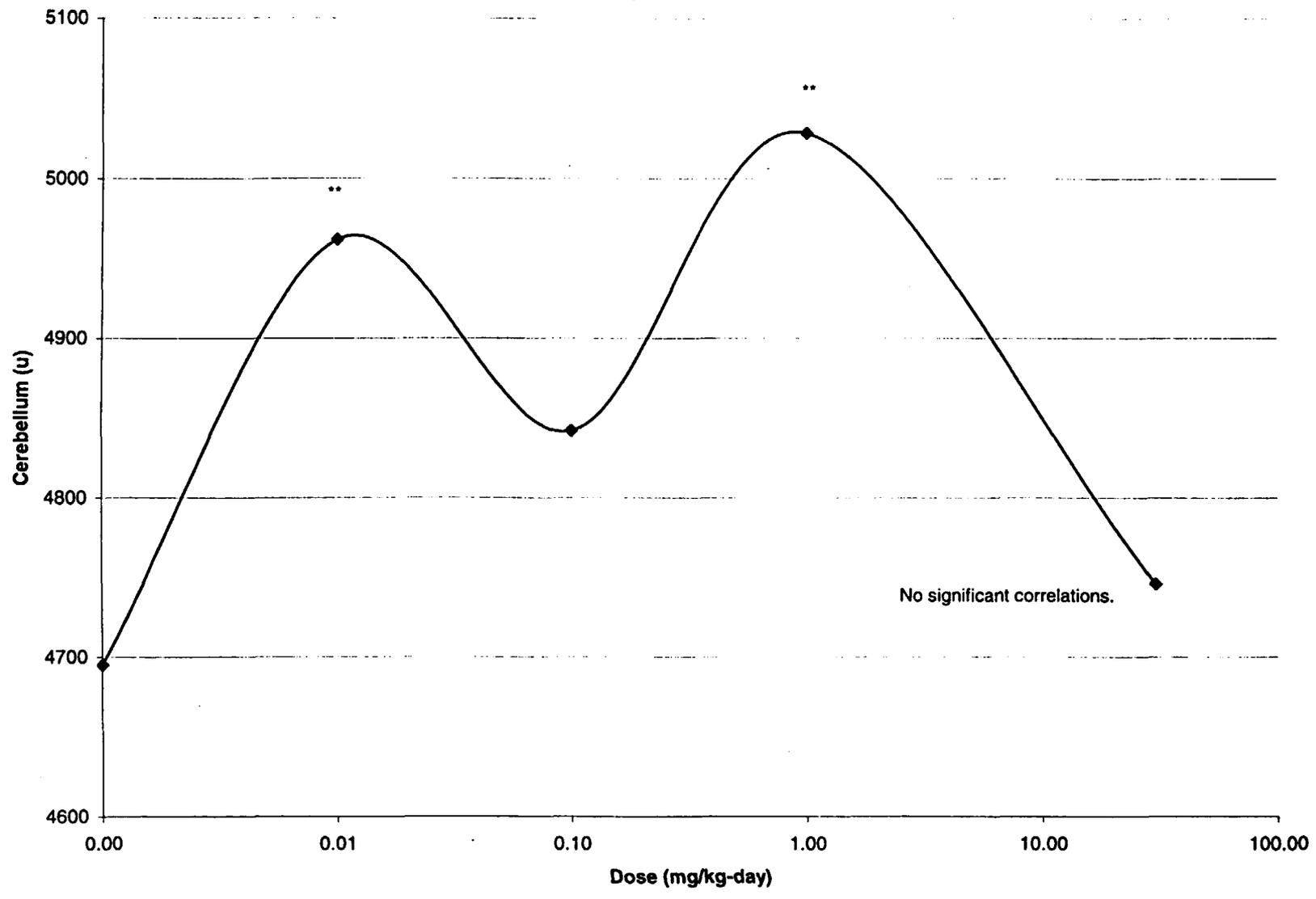
Left Corpus Callosa Response in Female Rats on PND 22



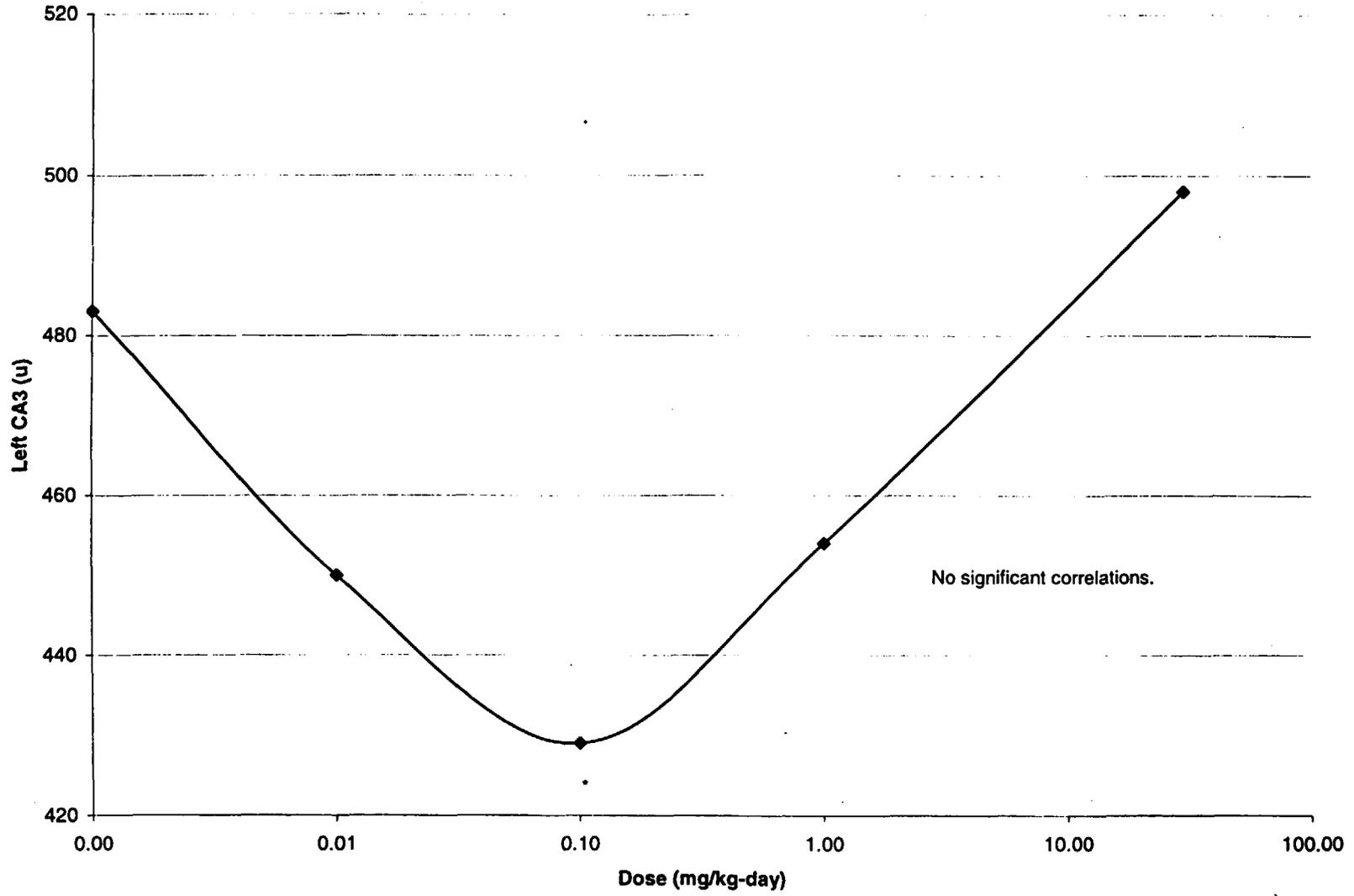
Right Corpus Callosa Response in Female Rats on PND 22



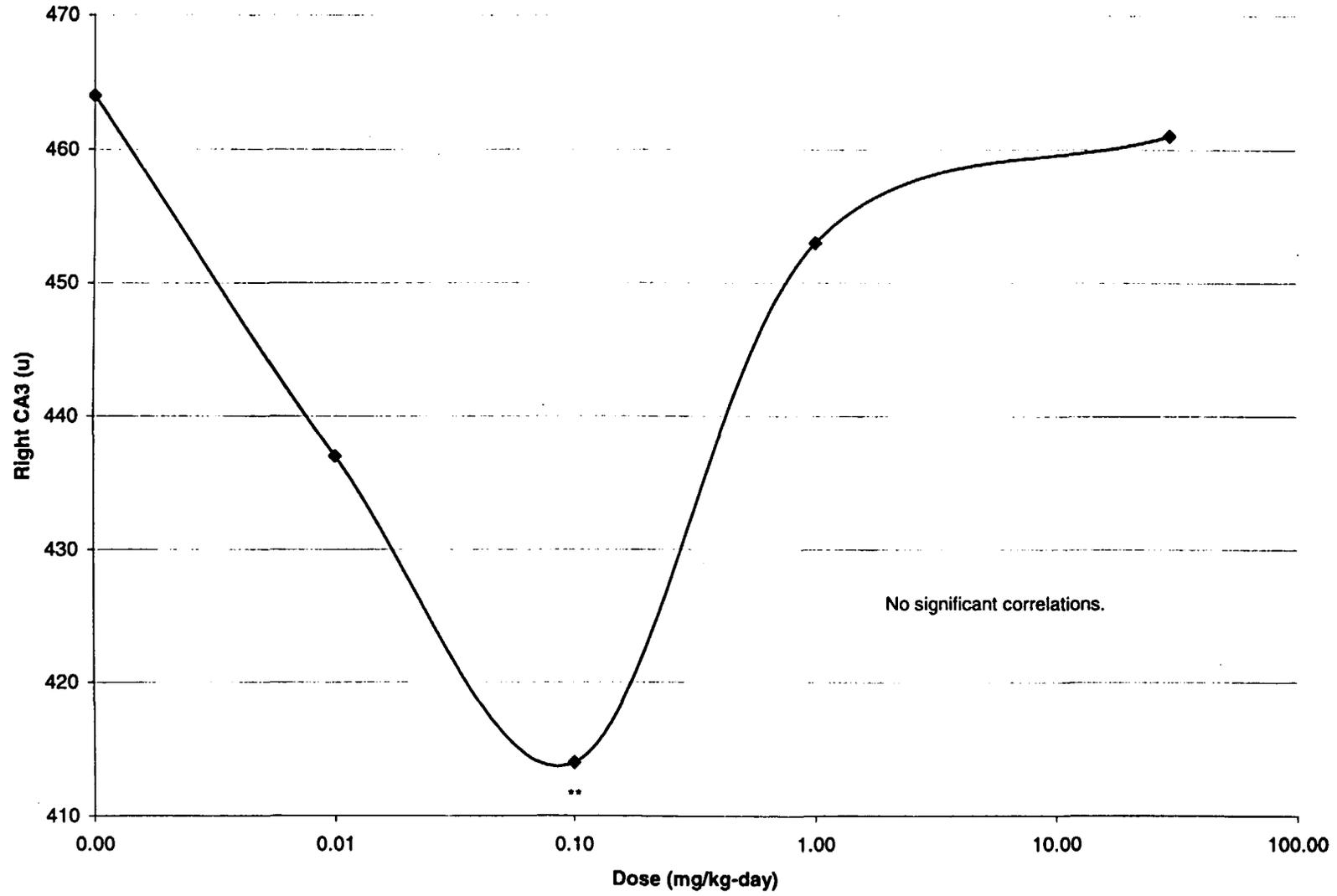
Cerebellum Response in Female Rats on PND 22



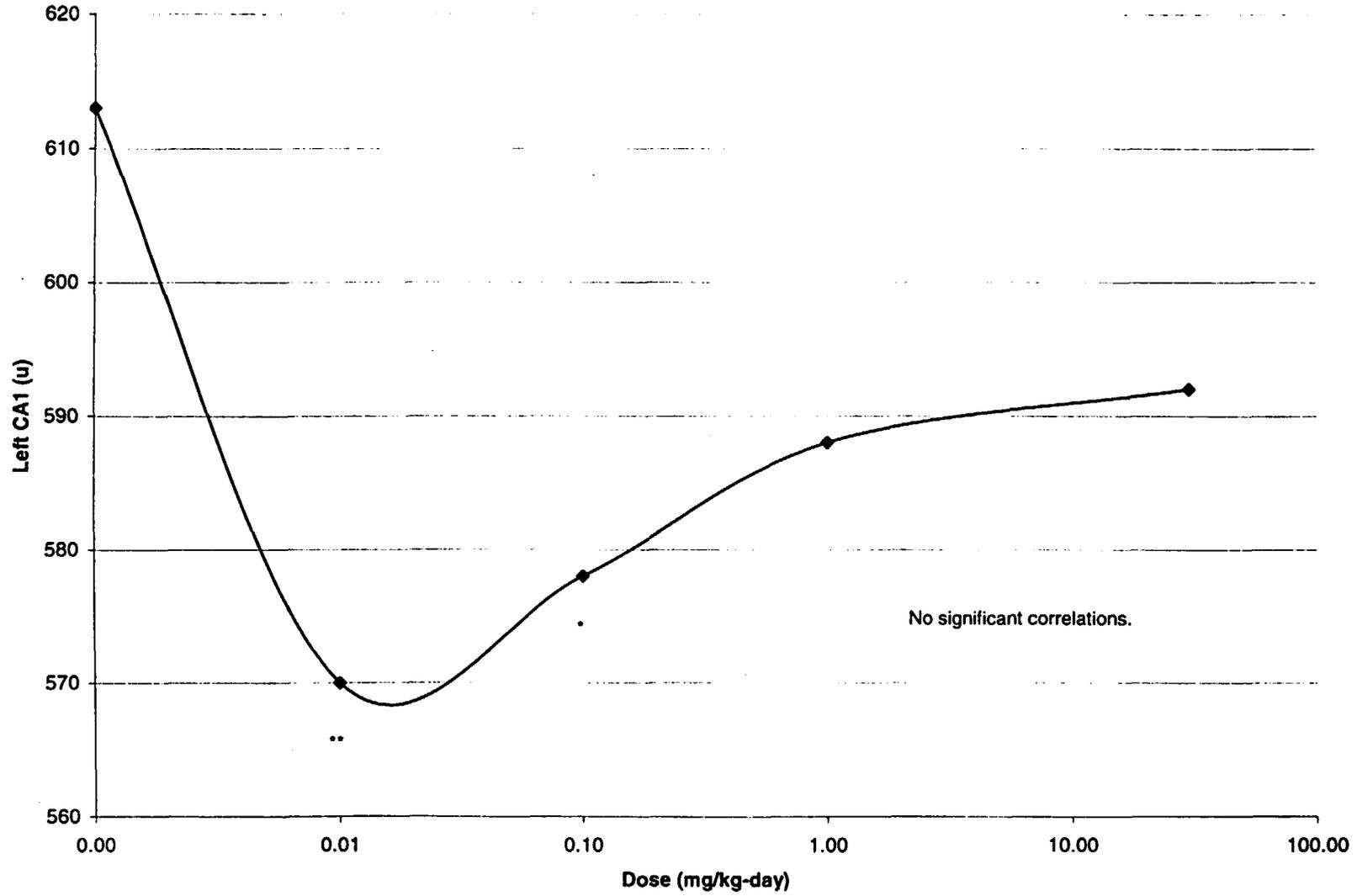
Left CA3 Response in Female Rats on PND 22



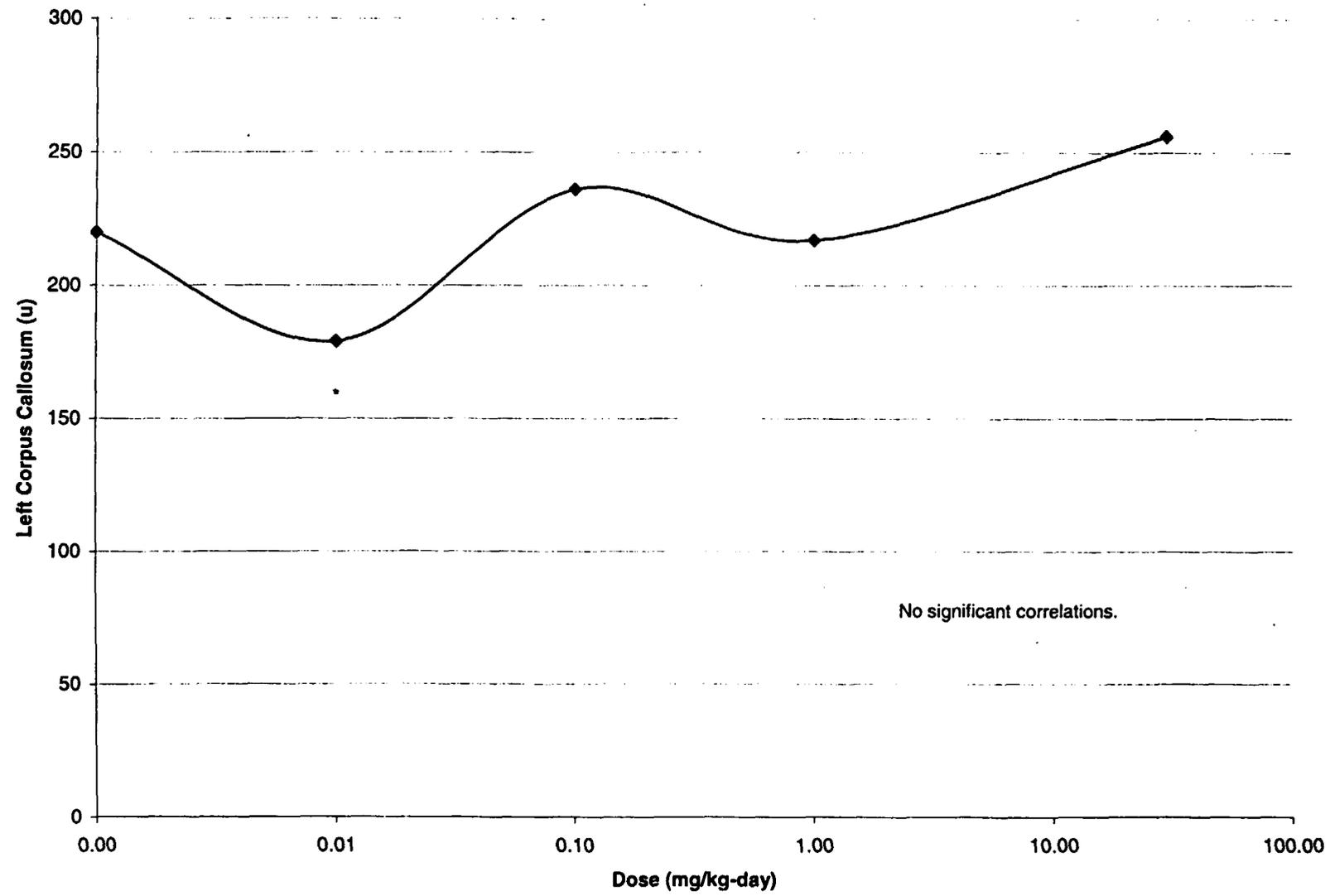
Right CA3 Response in Female Rats on PND 22



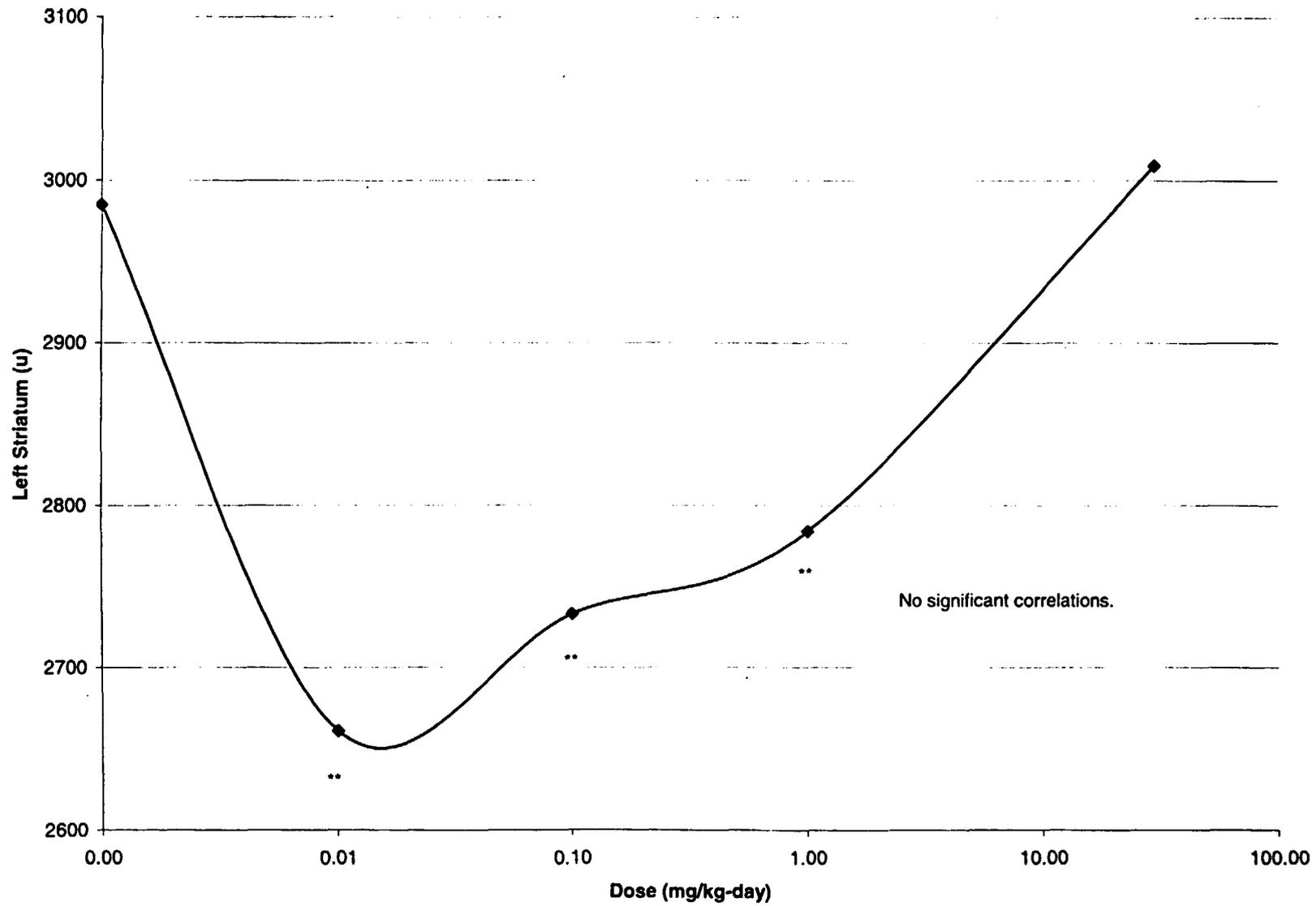
Left CA1 Response in Female Rats on PND 22



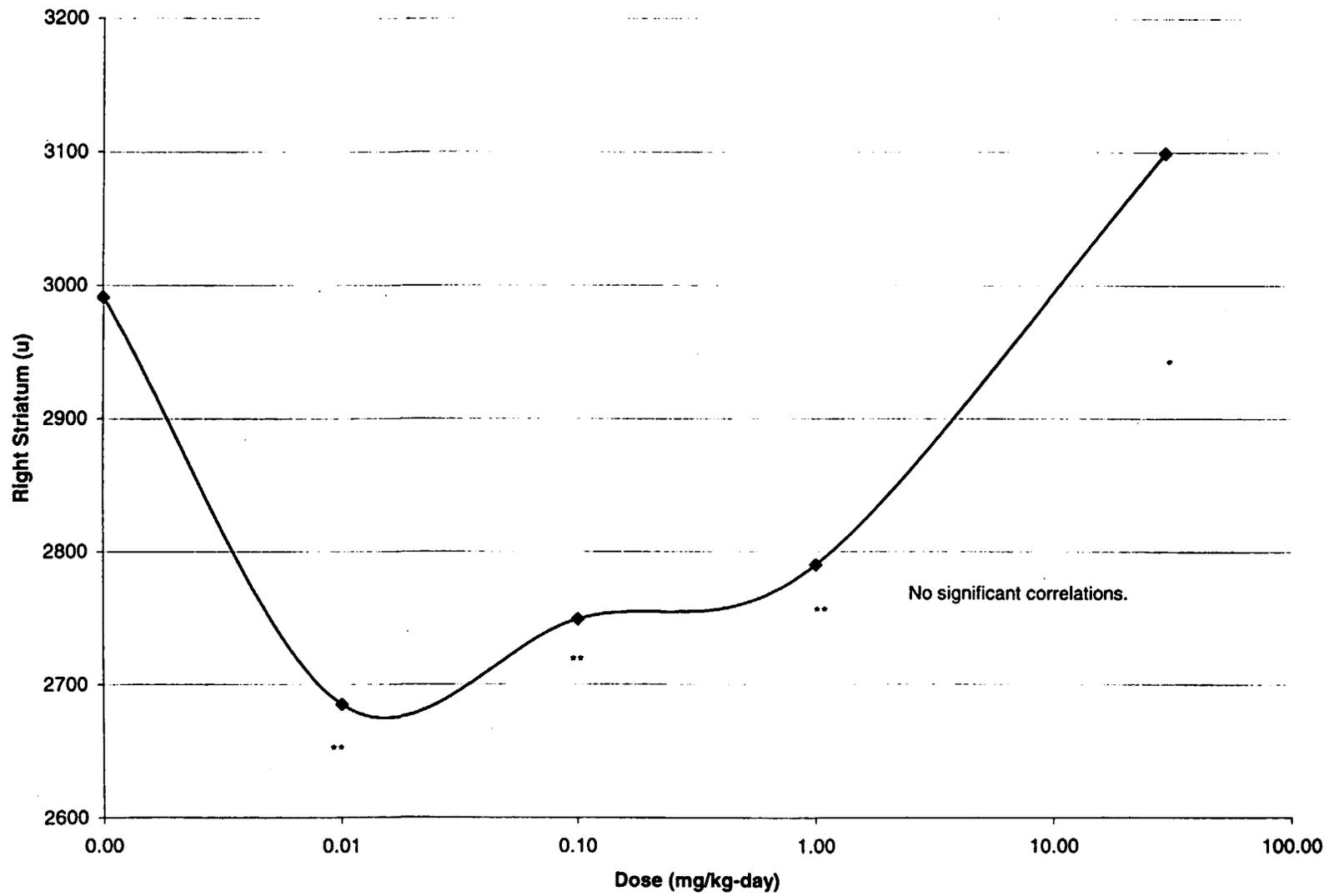
Left Corpus Callosum Response in Female Rats on PND 22



Left Striatum Response in Female Rats on PND 22



Right Striatum Response in Female Rats on PND 22



Bob Garman's
 Prior Statistics

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.161	12.2	5.1	1128	1224	1296	1464
16617	1.084	12.1	5.2	1176	1200	1272	1296
16618	1.003	11.0	5.0	1080	1008	1224	1152
16619	1.111	12.0	4.7	1104	1152	1272	1296
16620	1.197	12.2	4.6	1008	1152	1200	1440
16621	1.023	11.6	4.9	1152	984	1200	1128
16623	1.128	12.0	4.7	1032	1224	1200	1320
16625	1.168	11.8	5.5	960	1032	1344	1272
16626	1.221	12.5	5.3	1344	1296	1416	1392
16629	1.136	12.1	5.2	984	1056	1320	1224
16630	1.275	12.3	4.8	1152	1176	1344	1368
16634	1.104	11.9	5.0	1032	1080	1296	1296
16636	0.988	11.8	4.8	1008	1056	1296	----
16637	0.859	10.8	4.2	984	960	1128	1056
MEAN	1.104	11.9	4.9	1082	1114	1272	1285
SD	0.108	0.5	0.3	103.7	103.0	75.3	120.6

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16640	1.169	12.1	5.3	1368	1344	1344	1344
16641	1.152	12.0	5.5	1344	1344	1296	1296
16643	1.170	12.2	5.0	1176	1176	1416	1296
16644	0.887	11.2	4.5	1056	1080	1176	1200
16646	1.176	12.5	5.0	1200	1008	1344	1080
16647	1.086	12.2	5.0	1008	1224	1200	1368
16649	1.017	11.7	4.2	888	888	1128	1104
16650	1.113	12.6	5.0	1104	1128	1152	1344
16651	1.191	13.0	5.4	1416	1296	1704	1512
16654	0.980	11.5	4.0	984	1032	1200	1272
16655	1.216	12.2	5.2	1128	1320	1368	1392
16656	1.024	11.6	5.5	1200	1176	1248	1224
16657	0.992	12.0	5.2	1128	1128	1224	1224
16659	0.896	11.0	4.0	984	960	1248	1200
MEAN	1.076	12.0	4.9	1142	1150	1289	1275
SD	0.110	0.5	0.5	156.0	146.0	147.2	115.2

No values are significantly different from those of the control group (Group I).
 The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2400	2328	269	307	1104	1008	552
16617	1920	2016	307	288	864	888	432
16618	----	1872	336	307	840	888	432
16619	1920	1920	250	250	960	936	456
16620	1944	2040	288	403	912	960	480
16621	1920	1920	288	298	888	936	456
16623	1944	1992	384	413	888	1032	432
16625	2088	2040	298	288	960	888	432
16626	2088	2040	336	346	984	936	480
16629	2040	2016	346	298	888	936	360
16630	2160	2160	298	298	912	864	432
16634	1944	1944	317	346	1080	960	528
16636	1968	1992	278	250	888	912	432
16637	1680	1752	----	336	792	840	384
MEAN	2001	2002	307	316	926	927	449
SD	167.0	133.7	36.1	48.6	86.1	52.9	50.2

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16640	2016	1992	278	288	912	912	480
16641	2064	2064	336	336	840	840	456
16643	1872	1896	288	307	888	960	432
16644	1824	1944	326	336	840	912	432
16646	2040	2064	250	250	1008	1032	528
16647	1896	1896	307	240	960	864	432
16649	1848	1872	365	355	888	912	432
16650	2112	2136	298	298	1104	1176	576
16651	2280	2160	336	288	960	960	528
16654	1896	1800	----	----	1008	888	504
16655	2088	2040	269	288	960	912	480
16656	1848	1920	269	269	888	840	456
16657	1848	1848	221	250	936	960	480
16659	1752	1776	269	259	792	768	336
MEAN	1956	1958	293	290	927	924	468
SD	146.1	120.8	40.0	36.4	81.3	97.3	57.8

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	480	528	504	384	288	3072	29
16617	432	408	408	240	264	2736	31
16618	408	408	432	288	288	2736	29
16619	456	504	432	288	264	2928	36
16620	480	432	456	288	312	2880	34
16621	432	456	456	288	288	2592	41
16623	528	456	480	312	288	2976	34
16625	432	504	456	312	288	2928	36
16626	480	456	432	312	240	2976	36
16629	456	528	480	240	288	2880	46
16630	432	432	648	264	240	3024	41
16634	456	528	504	360	288	3024	38
16636	480	480	480	240	216	2496	36
16637	384	432	456	264	288	2256	38
MEAN	453	468	473	291	274	2822	36
SD	36.3	43.9	57.6	43.0	26.1	234.5	4.7

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16640	504	456	432	288	312	2976	34
16641	480	336	336	336	336	2832	38
16643	504	456	408	288	288	2736	29
16644	480	456	408	264	312	2304	38
16646	528	480	528	312	312	3024	34
16647	408	528	456	312	264	2640	38
16649	456	432	432	288	288	2448	34
16650	552	504	552	336	312	2832	43
16651	504	432	456	312	288	2880	29
16654	432	480	456	312	240	2448	38
16655	480	456	456	312	264	2976	34
16656	384	432	456	264	216	2544	41
16657	528	456	432	288	312	2592	38
16659	336	408	408	240	240	2352	38
MEAN	470	451	444	297	285	2685	36
SD	60.8	45.3	52.2	27.6	35.0	242.9	4.0

No values are significantly different from those of the control group (Group I).

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.161	12.2	5.1	1128	1224	1296	1464
16617	1.084	12.1	5.2	1176	1200	1272	1296
16618	1.003	11.0	5.0	1080	1008	1224	1152
16619	1.111	12.0	4.7	1104	1152	1272	1296
16620	1.197	12.2	4.6	1008	1152	1200	1440
16621	1.023	11.6	4.9	1152	984	1200	1128
16623	1.128	12.0	4.7	1032	1224	1200	1320
16625	1.168	11.8	5.5	960	1032	1344	1272
16626	1.221	12.5	5.3	1344	1296	1416	1392
16629	1.136	12.1	5.2	984	1056	1320	1224
16630	1.275	12.3	4.8	1152	1176	1344	1368
16634	1.104	11.9	5.0	1032	1080	1296	1296
16636	0.988	11.8	4.8	1008	1056	1296	----
16637	0.859	10.8	4.2	984	960	1128	1056
MEAN	1.104	11.9	4.9	1082	1114	1272	1285
SD	0.108	0.5	0.3	103.7	103.0	75.3	120.6

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16664	1.091	11.7	4.3	1200	1176	1416	1296
16667	1.167	12.2	5.0	1320	1224	1440	1512
16668	1.268	12.5	5.2	1296	1248	1536	1560
16669	1.070	12.0	4.6	1032	1032	1272	1272
16670	1.000	11.5	4.8	1008	1032	1272	1320
16673	1.044	11.8	4.8	1128	1032	1440	1224
16675	1.095	12.1	5.2	1128	1224	1272	1344
16676	1.076	12.0	4.6	1104	1200	1416	1344
16678	1.006	11.3	4.2	1080	1128	1200	1248
16679	1.179	12.7	5.7	1224	1224	1320	1344
16683	0.967	11.8	4.2	1080	984	1032	1080
MEAN	1.087	12.0	4.8	1145	1137	1329	1322
SD	0.089	0.4	0.5	102.4	98.5	140.5	130.8

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2400	2328	269	307	1104	1008	552
16617	1920	2016	307	288	864	888	432
16618	-	1872	336	307	840	888	432
16619	1920	1920	250	250	960	936	456
16620	1944	2040	288	403	912	960	480
16621	1920	1920	288	298	888	936	456
16623	1944	1992	384	413	888	1032	432
16625	2088	2040	298	288	960	888	432
16626	2088	2040	336	346	984	936	480
16629	2040	2016	346	298	888	936	360
16630	2160	2160	298	298	912	864	432
16634	1944	1944	317	346	1080	960	528
16636	1968	1992	278	250	888	912	432
16637	1680	1752	-	336	792	840	384
MEAN	2001	2002	307	316	926	927	449
SD	167.0	133.7	36.1	48.6	86.1	52.9	50.2

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16664	2040	1920	461	461	936	888	432
16667	2112	2088	----	----	936	888	480
16668	2112	2040	480	480	960	960	456
16669	1968	1920	384	----	816	960	312
16670	1992	2064	442	384	1008	816	504
16673	1920	2088	326	317	984	912	504
16675	2016	1920	278	269	864	840	312
16676	1944	2016	451	480	936	912	456
16678	1824	1920	384	384	936	960	456
16679	1896	1920	298	298	1032	960	552
16683	1896	1944	336	355	888	960	456
MEAN	1975	1985	384**	381*	936	914	447
SD	91.1	73.7	72.5	79.2	62.6	52.0	74.6

* Significantly different from the control group value at $p = < 0.05$

** Significantly different from the control group value at $p = < 0.01$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	480	528	504	384	288	3072	29
16617	432	408	408	240	264	2736	31
16618	408	408	432	288	288	2736	29
16619	456	504	432	288	264	2928	36
16620	480	432	456	288	312	2880	34
16621	432	456	456	288	288	2592	41
16623	528	456	480	312	288	2976	34
16625	432	504	456	312	288	2928	36
16626	480	456	432	312	240	2976	36
16629	456	528	480	240	288	2880	46
16630	432	432	648	264	240	3024	41
16634	456	528	504	360	288	3024	38
16636	480	480	480	240	216	2496	36
16637	384	432	456	264	288	2256	38
MEAN	453	468	473	291	274	2822	36
SD	36.3	43.9	57.6	43.0	26.1	234.5	4.7

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16664	408	504	456	264	240	2928	43
16667	456	456	432	264	264	3120	34
16668	504	456	480	288	288	3168	34
16669	456	480	480	240	288	2880	34
16670	360	504	432	312	216	----	29
16673	456	504	456	336	288	2784	34
16675	360	528	480	216	216	3072	36
16676	456	480	432	288	288	2544	43
16678	480	480	480	288	288	2640	38
16679	480	480	456	336	288	3312	43
16683	480	432	480	240	312	2592	34
MEAN	445	482	460	279	271	2904	37
SD	48.4	27.3	21.0	39.1	32.4	263.2	4.7

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.161	12.2	5.1	1128	1224	1296	1464
16617	1.084	12.1	5.2	1176	1200	1272	1296
16618	1.003	11.0	5.0	1080	1008	1224	1152
16619	1.111	12.0	4.7	1104	1152	1272	1296
16620	1.197	12.2	4.6	1008	1152	1200	1440
16621	1.023	11.6	4.9	1152	984	1200	1128
16623	1.128	12.0	4.7	1032	1224	1200	1320
16625	1.168	11.8	5.5	960	1032	1344	1272
16626	1.221	12.5	5.3	1344	1296	1416	1392
16629	1.136	12.1	5.2	984	1056	1320	1224
16630	1.275	12.3	4.8	1152	1176	1344	1368
16634	1.104	11.9	5.0	1032	1080	1296	1296
16636	0.988	11.8	4.8	1008	1056	1296	----
16637	0.859	10.8	4.2	984	960	1128	1056
MEAN	1.104	11.9	4.9	1082	1114	1272	1285
SD	0.108	0.5	0.3	103.7	103.0	75.3	120.6

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16685	1.228	12.3	4.6	1320	1368	1512	1488
16686	1.110	12.0	4.8	1152	1200	1320	1344
16687	1.253	12.7	5.0	1248	1248	1368	1368
16688	1.073	11.8	4.5	1200	1176	1368	1296
16689	1.026	12.0	5.1	1224	1320	1320	1440
16690	1.088	12.1	5.4	1152	1272	1440	1416
16692	1.037	12.0	4.8	1128	1248	1296	1368
16693	1.253	12.8	5.3	1320	1320	1512	1440
16695	1.114	12.1	5.4	1032	1080	1296	1368
16696	1.116	12.0	4.8	1320	1296	1344	1392
16697	1.187	12.4	5.0	1296	1224	1392	1344
16698	0.997	11.8	5.1	1104	1128	1344	1296
16699	1.247	12.6	5.0	1440	1248	1344	1464
16701	1.091	12.1	5.2	1248	1200	1320	1320
16706	1.098	12.2	5.0	1296	1368	1536	1536
16707	0.999	11.9	5.0	1104	1248	1368	1488
MEAN	1.120	12.2*	5.0	1224**	1247**	1380**	1398**
SD	0.089	0.3	0.3	107.0	79.6	78.4	72.5

* Significantly different from the control group value at $p = < 0.05$

** Significantly different from the control group value at $p = < 0.01$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2400	2328	269	307	1104	1008	552
16617	1920	2016	307	288	864	888	432
16618	----	1872	336	307	840	888	432
16619	1920	1920	250	250	960	936	456
16620	1944	2040	288	403	912	960	480
16621	1920	1920	288	298	888	936	456
16623	1944	1992	384	413	888	1032	432
16625	2088	2040	298	288	960	888	432
16626	2088	2040	336	346	984	936	480
16629	2040	2016	346	298	888	936	360
16630	2160	2160	298	298	912	864	432
16634	1944	1944	317	346	1080	960	528
16636	1968	1992	278	250	888	912	432
16637	1680	1752	-	336	792	840	384
MEAN	2001	2002	307	316	926	927	449
SD	167.0	133.7	36.1	48.6	86.1	52.9	50.2

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16685	2064	2136	298	326	1032	1032	480
16686	1920	1992	346	355	936	1056	432
16687	2112	2088	346	336	912	912	480
16688	2064	2160	355	374	1152	1008	576
16689	2136	2136	480	499	888	840	360
16690	2112	2064	422	403	936	984	480
16692	2064	2064	365	422	1080	936	552
16693	2160	2160	403	509	1128	984	600
16695	2088	2184	384	432	1128	960	552
16696	2088	2112	480	442	984	960	480
16697	2112	2184	336	336	984	936	528
16698	1992	2064	374	374	984	792	456
16699	2232	2232	307	307	1008	984	504
16701	1992	2040	346	336	864	912	384
16706	2064	2064	384	413	1032	912	504
16707	2040	1992	365	384	1032	984	528
MEAN	2078	2104*	374**	391**	1005*	950	494*
SD	72.8	70.0	52.0	59.8	86.7	67.3	65.0

* Significantly different from the control group value at $p = < 0.05$

** Significantly different from the control group value at $p = < 0.01$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	480	528	504	384	288	3072	29
16617	432	408	408	240	264	2736	31
16618	408	408	432	288	288	2736	29
16619	456	504	432	288	264	2928	36
16620	480	432	456	288	312	2880	34
16621	432	456	456	288	288	2592	41
16623	528	456	480	312	288	2976	34
16625	432	504	456	312	288	2928	36
16626	480	456	432	312	240	2976	36
16629	456	528	480	240	288	2880	46
16630	432	432	648	264	240	3024	41
16634	456	528	504	360	288	3024	38
16636	480	480	480	240	216	2496	36
16637	384	432	456	264	288	2256	38
MEAN	453	468	473	291	274	2822	36
SD	36.3	43.9	57.6	43.0	26.1	234.5	4.7

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16685	480	600	480	288	288	2928	41
16686	552	504	504	312	312	2928	34
16687	480	456	432	288	288	3072	43
16688	480	552	528	360	288	2880	36
16689	384	480	456	264	240	2736	38
16690	528	480	504	288	312	2736	38
16692	480	528	456	336	288	2832	41
16693	528	528	456	432	312	2784	38
16695	480	552	456	408	288	2976	34
16696	480	480	480	288	288	2736	46
16697	480	480	480	264	264	2976	43
16698	336	504	456	312	240	2304	34
16699	504	480	456	288	264	3120	38
16701	432	456	504	264	288	2736	31
16706	456	528	432	360	264	2832	41
16707	504	504	456	384	288	2688	34
MEAN	474	507*	471	321	282	2829	38
SD	53.7	39.1	27.5	53.2	22.3	190.0	4.2

* Significantly different from the control group value at $p = < 0.05$

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.161	12.2	5.1	1128	1224	1296	1464
16617	1.084	12.1	5.2	1176	1200	1272	1296
16618	1.003	11.0	5.0	1080	1008	1224	1152
16619	1.111	12.0	4.7	1104	1152	1272	1296
16620	1.197	12.2	4.6	1008	1152	1200	1440
16621	1.023	11.6	4.9	1152	984	1200	1128
16623	1.128	12.0	4.7	1032	1224	1200	1320
16625	1.168	11.8	5.5	960	1032	1344	1272
16626	1.221	12.5	5.3	1344	1296	1416	1392
16629	1.136	12.1	5.2	984	1056	1320	1224
16630	1.275	12.3	4.8	1152	1176	1344	1368
16634	1.104	11.9	5.0	1032	1080	1296	1296
16636	0.988	11.8	4.8	1008	1056	1296	----
16637	0.859	10.8	4.2	984	960	1128	1056
MEAN	1.104	11.9	4.9	1082	1114	1272	1285
SD	0.108	0.5	0.3	103.7	103.0	75.3	120.6

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16708	1.192	12.2	4.6	1344	1128	1464	1416
16709	1.136	12.0	4.8	1080	1008	1248	1176
16711	0.981	11.2	3.8	1056	1104	1272	1200
16712	1.215	12.2	5.0	1080	1224	1320	1488
16713	1.087	11.8	5.0	1128	1080	1224	1272
16715	1.174	12.2	5.2	1056	1296	1368	1368
16717	1.160	12.1	5.0	1224	1344	1392	1368
16718	1.048	12.1	4.5	984	960	1224	1080
16719	1.175	12.4	5.5	1080	984	1344	1248
16722	1.310	12.9	5.8	1248	1368	1464	1536
16723	1.238	12.7	5.2	1176	1224	1368	1296
16724	1.029	12.0	4.5	1032	1104	1176	1200
16725	1.023	11.8	5.2	1008	1008	1248	1248
16728	1.006	11.9	4.3	1224	1200	1368	1296
16730	1.447	12.7	5.8	1248	1296	1440	1392
MEAN	1.148	12.1	4.9	1131	1155	1328	1306
SD	0.126	0.4	0.6	106.1	134.8	92.4	123.0

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2400	2328	269	307	1104	1008	552
16617	1920	2016	307	288	864	888	432
16618	----	1872	336	307	840	888	432
16619	1920	1920	250	250	960	936	456
16620	1944	2040	288	403	912	960	480
16621	1920	1920	288	298	888	936	456
16623	1944	1992	384	413	888	1032	432
16625	2088	2040	298	288	960	888	432
16626	2088	2040	336	346	984	936	480
16629	2040	2016	346	298	888	936	360
16630	2160	2160	298	298	912	864	432
16634	1944	1944	317	346	1080	960	528
16636	1968	1992	278	250	888	912	432
16637	1680	1752	-	336	792	840	384
MEAN	2001	2002	307	316	926	927	449
SD	167.0	133.7	36.1	48.6	86.1	52.9	50.2

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16708	2088	2088	288	278	1008	840	432
16709	1920	1920	307	288	936	960	432
16711	1920	1944	336	355	912	984	432
16712	2040	2040	326	336	1008	1032	504
16713	1992	1848	413	403	888	936	456
16715	1944	2040	288	307	936	744	408
16717	2184	1872	355	365	984	960	528
16718	1920	1920	413	355	912	936	384
16719	2160	2112	451	461	1056	960	528
16722	2208	2280	355	384	1104	1080	552
16723	2088	2112	259	259	888	1008	456
16724	2040	2160	336	336	960	936	456
16725	1920	1920	336	336	864	840	384
16728	1992	2184	384	403	888	960	456
16730	2160	2160	355	384	888	1056	432
MEAN	2038	2040	347*	350	949	949	456
SD	104.8	130.2	52.2	53.6	70.2	87.4	51.3

* Significantly different from the control group value at $p = < 0.05$.

The absence of a measurement indicates sub-optimal representation of the area in the sections.

Table 1

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	480	528	504	384	288	3072	29
16617	432	408	408	240	264	2736	31
16618	408	408	432	288	288	2736	29
16619	456	504	432	288	264	2928	36
16620	480	432	456	288	312	2880	34
16621	432	456	456	288	288	2592	41
16623	528	456	480	312	288	2976	34
16625	432	504	456	312	288	2928	36
16626	480	456	432	312	240	2976	36
16629	456	528	480	240	288	2880	46
16630	432	432	648	264	240	3024	41
16634	456	528	504	360	288	3024	38
16636	480	480	480	240	216	2496	36
16637	384	432	456	264	288	2256	38
MEAN	453	468	473	291	274	2822	36
SD	36.3	43.9	57.6	43.0	26.1	234.5	4.7

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16708	384	504	456	288	264	2784	31
16709	480	480	456	312	312	2928	36
16711	432	504	528	288	312	2688	38
16712	528	528	480	336	336	3072	41
16713	480	432	456	288	288	2832	38
16715	336	552	384	264	216	2784	48
16717	528	456	456	312	312	3216	43
16718	456	504	504	264	360	2544	50
16719	480	504	456	360	312	2976	41
16722	552	576	552	360	312	3072	43
16723	552	432	432	264	312	3360	31
16724	480	528	432	312	288	2592	36
16725	360	480	480	264	288	----	36
16728	528	456	432	264	312	2496	43
16730	552	432	480	264	336	3552	38
MEAN	475	491	466	296	304*	2921	40
SD	70.4	44.3	41.4	34.7	33.5	311.0	5.4

* Significantly different from the control group value at $p = < 0.05$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.224	12.6	5.2	1320	1320	1488	1440
16617	1.145	12.2	5.3	1296	1176	1416	1416
16618	1.017	12.0	5.1	1080	1128	1296	1296
16619	1.107	12.1	5.0	1248	1248	1344	1296
16620	1.020	11.9	4.8	1056	1080	1272	1200
16621	1.016	11.5	5.0	1080	1176	1272	1272
16623	1.127	12.0	4.8	1080	1224	1344	1296
16625	1.125	12.2	5.5	1248	1296	1344	1344
16626	1.225	13.2	5.4	1296	----	1440	1320
16629	1.101	12.2	5.0	1128	1176	1392	1368
16630	1.252	12.8	5.5	1200	1248	1416	1488
16631	1.169	12.2	5.2	1080	1176	1536	1464
16634	1.061	11.8	4.8	1152	1176	1272	1320
16635	1.304	13.1	6.0	1008	1080	1296	1368
16636	0.940	11.5	4.9	912	864	1080	1152
16637	0.823	10.8	3.8	960	960	1104	1056
MEAN	1.104	12.1	5.1	1134	1155	1332	1319
SD	0.123	0.6	0.5	124.1	121.3	122.4	113.8

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16640	1.115	11.8	5.2	1200	1200	1440	1296
16641	1.237	12.2	5.5	1320	1128	1272	1368
16643	0.840	11.2	4.2	1176	1104	1224	1296
16644	0.900	11.0	4.5	1248	1296	1200	1272
16645	1.084	11.6	5.0	1248	1104	1320	1296
16646	1.224	12.5	5.2	1248	1248	1320	1344
16647	0.973	11.2	4.2	1008	1032	1248	1128
16649	0.991	11.8	4.2	1008	1032	1296	1272
16650	1.129	12.2	5.2	1224	1152	1440	1464
16651	1.163	12.2	5.5	1176	1176	1320	1320
16653	1.022	12.0	5.0	1104	1128	1296	1344
16654	1.012	12.0	4.7	1152	1200	1368	1320
16655	1.202	12.2	5.2	1392	1368	1608	1512
16656	1.020	11.8	5.5	1104	1128	1344	1368
16657	1.214	12.5	5.1	1104	1080	1296	1272
16659	0.875	11.0	4.2	1008	1032	1200	1224
MEAN	1.063	11.8	4.9	1170	1150	1325	1319
SD	0.128	0.5	0.5	111.4	95.4	103.8	88.7

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2040	2016	307	307	936	936	432
16617	1968	2088	317	336	912	888	456
16618	1872	2040	365	317	----	----	----
16619	1896	1896	240	240	1056	936	504
16620	1824	1872	346	----	840	864	384
16621	1848	1800	307	374	960	912	456
16623	2112	2016	384	365	912	912	408
16625	2040	1992	288	307	936	984	504
16626	2064	2040	326	298	1032	960	552
16629	2136	2064	384	384	1128	936	576
16630	2160	1992	307	365	1176	1008	576
16631	2040	2160	394	394	1008	960	456
16634	1944	1992	346	365	936	912	288
16635	2232	2040	298	298	1104	1080	528
16636	1872	1920	461	470	1080	1080	528
16637	1680	1728	336	326	936	840	432
MEAN	1983	1979	338	343	997	947	472
SD	145.8	110.5	51.9	54.2	95.5	69.0	78.4

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16640	2040	2040	317	317	1032	864	504
16641	2136	2040	326	307	888	936	408
16643	1752	1824	278	269	888	816	432
16644	1872	2040	346	307	1056	1056	576
16645	1968	1920	365	365	888	888	288
16646	1896	1920	298	269	912	936	456
16647	1800	1848	269	250	912	816	432
16649	1992	1824	336	374	960	912	480
16650	1848	1872	298	298	936	1008	480
16651	2088	2160	317	317	960	960	480
16653	1992	1872	192	192	1008	936	480
16654	1800	1896	317	317	840	936	432
16655	2160	2064	451	470	1080	840	504
16656	1824	1872	288	298	864	864	432
16657	2040	2088	365	326	1032	1032	552
16659	1680	1800	240	259	936	792	432
MEAN	1931	1942	313	308	950	912	460
SD	142.4	111.7	58.0	61.6	72.8	78.4	65.1

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

**Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats
Maternal Dosage Group I (0 mg/kg/day)**

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	432	480	504	264	264	3312	38
16617	432	432	432	264	192	2880	31
16618	----	----	----	----	----	2832	46
16619	480	552	456	336	288	2928	43
16620	432	432	432	240	240	2640	36
16621	456	480	456	264	240	2400	36
16623	456	480	456	288	264	2832	38
16625	528	504	432	288	288	2976	36
16626	504	480	480	360	288	3024	38
16629	408	552	528	408	264	2976	36
16630	528	600	480	360	312	3120	41
16631	456	552	480	312	312	2880	41
16634	456	528	456	264	264	2688	38
16635	576	576	504	408	312	3120	48
16636	552	528	480	312	336	2592	38
16637	312	480	456	312	264	2208	34
MEAN	467	510	469	312	275	2838	39
SD	65.3	50.1	28.5	52.9	36.1	280.4	4.3

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16640	456	528	408	336	288	2832	36
16641	432	456	480	216	264	2592	34
16643	408	456	384	264	240	2304	24
16644	600	480	456	384	360	2304	38
16645	432	456	456	336	264	2640	29
16646	480	456	456	264	264	3024	26
16647	360	432	432	288	264	2448	38
16649	456	480	456	336	240	2448	29
16650	504	432	504	288	336	2688	36
16651	456	480	456	288	264	2880	29
16653	456	504	432	336	264	2640	26
16654	480	432	432	240	240	2544	36
16655	408	600	432	336	240	2976	29
16656	432	432	432	264	240	----	36
16657	552	480	480	312	312	3168	43
16659	384	480	408	312	264	2304	36
MEAN	456	474*	444*	300	272	2653	33**
SD	60.1	43.4	30.4	43.8	35.8	274.8	5.4

* Significantly different from the control group value at $p = < 0.05$

** Significantly different from the control group value at $p = < 0.01$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.224	12.6	5.2	1320	1320	1488	1440
16617	1.145	12.2	5.3	1296	1176	1416	1416
16618	1.017	12.0	5.1	1080	1128	1296	1296
16619	1.107	12.1	5.0	1248	1248	1344	1296
16620	1.020	11.9	4.8	1056	1080	1272	1200
16621	1.016	11.5	5.0	1080	1176	1272	1272
16623	1.127	12.0	4.8	1080	1224	1344	1296
16625	1.125	12.2	5.5	1248	1296	1344	1344
16626	1.225	13.2	5.4	1296	----	1440	1320
16629	1.101	12.2	5.0	1128	1176	1392	1368
16630	1.252	12.8	5.5	1200	1248	1416	1488
16631	1.169	12.2	5.2	1080	1176	1536	1464
16634	1.061	11.8	4.8	1152	1176	1272	1320
16635	1.304	13.1	6.0	1008	1080	1296	1368
16636	0.940	11.5	4.9	912	864	1080	1152
16637	0.823	10.8	3.8	960	960	1104	1056
MEAN	1.104	12.1	5.1	1134	1155	1332	1319
SD	0.123	0.6	0.5	124.1	121.3	122.4	113.8

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16662	1.132	12.2	5.3	1224	1224	1392	1248
16664	1.051	12.0	5.0	1176	1224	1368	1416
16665	0.988	11.8	5.0	1152	1224	1320	1320
16667	1.135	12.2	5.8	1200	1152	1392	1248
16668	1.245	12.5	5.0	1248	1512	1416	1536
16669	1.030	11.2	5.0	1080	1176	1296	1392
16670	0.988	11.8	4.7	1128	1104	1224	1224
16673	0.872	11.0	4.2	936	1008	1104	1152
16675	1.097	12.2	5.8	1224	1176	1320	1344
16676	0.765	11.5	4.6	936	1032	1152	1176
16678	1.032	11.5	5.0	1080	1056	1224	1200
16679	1.155	11.2	5.0	1224	1200	1224	1320
16680	1.027	11.3	4.8	1200	1008	1392	1296
16681	0.847	11.0	4.2	960	960	1248	1080
16683	0.873	11.8	4.7	1080	1080	1128	1152
MEAN	1.016	11.7*	4.9	1123	1142	1280	1274
SD	0.131	0.5	0.5	108.2	135.4	102.9	119.1

* Significantly different from the control group value at $p = < 0.05$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2040	2016	307	307	936	936	432
16617	1968	2088	317	336	912	888	456
16618	1872	2040	365	317	----	----	----
16619	1896	1896	240	240	1056	936	504
16620	1824	1872	346	----	840	864	384
16621	1848	1800	307	374	960	912	456
16623	2112	2016	384	365	912	912	408
16625	2040	1992	288	307	936	984	504
16626	2064	2040	326	298	1032	960	552
16629	2136	2064	384	384	1128	936	576
16630	2160	1992	307	365	1176	1008	576
16631	2040	2160	394	394	1008	960	456
16634	1944	1992	346	365	936	912	288
16635	2232	2040	298	298	1104	1080	528
16636	1872	1920	461	470	1080	1080	528
16637	1680	1728	336	326	936	840	432
MEAN	1983	1979	338	343	997	947	472
SD	145.8	110.5	51.9	54.2	95.5	69.0	78.4

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16662	1896	1896	259	259	936	984	480
16664	1872	1872	307	326	960	840	456
16665	----	1824	240	278	----	720	----
16667	2088	2064	250	250	912	816	456
16668	2136	2160	403	365	1080	960	528
16669	1824	1872	259	259	912	744	456
16670	1728	1872	336	336	936	840	456
16673	1776	1656	288	298	888	864	384
16675	2016	1944	278	288	864	984	432
16676	1608	1632	211	230	744	744	336
16678	1872	1872	336	336	912	888	432
16679	1824	1896	288	288	840	936	432
16680	1872	1944	346	336	864	912	432
16681	1776	1728	298	298	----	----	----
16683	1728	1656	240	240	792	792	360
MEAN	1858*	1859*	289*	292**	895**	859**	434
SD	143.9	147.1	50.3	40.6	82.2	89.4	50.4

* Significantly different from the control group value at $p = < 0.05$

** Significantly different from the control group value at $p = < 0.01$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	432	480	504	264	264	3312	38
16617	432	432	432	264	192	2880	31
16618	----	----	----	----	----	2832	46
16619	480	552	456	336	288	2928	43
16620	432	432	432	240	240	2640	36
16621	456	480	456	264	240	2400	36
16623	456	480	456	288	264	2832	38
16625	528	504	432	288	288	2976	36
16626	504	480	480	360	288	3024	38
16629	408	552	528	408	264	2976	36
16630	528	600	480	360	312	3120	41
16631	456	552	480	312	312	2880	41
16634	456	528	456	264	264	2688	38
16635	576	576	504	408	312	3120	48
16636	552	528	480	312	336	2592	38
16637	312	480	456	312	264	2208	34
MEAN	467	510	469	312	275	2838	39
SD	65.3	50.1	28.5	52.9	36.1	280.4	4.3

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16662	552	456	432	288	360	2736	38
16664	432	504	432	312	240	2640	36
16665	312	----	432	----	192	2592	36
16667	384	456	432	288	240	3072	31
16668	528	552	480	408	288	2928	34
16669	360	456	384	264	240	2832	34
16670	408	480	408	288	240	2304	38
16673	456	456	432	336	264	2352	34
16675	528	408	456	264	312	2928	36
16676	384	408	360	216	216	----	31
16678	432	480	432	288	288	2736	36
16679	504	432	432	240	288	2880	38
16680	432	456	456	288	336	2448	29
16681	----	----	----	----	----	2208	34
16683	360	432	408	216	216	2208	34
MEAN	434	460**	427**	284	266	2633	35**
SD	72.6	39.0	30.0	50.8	48.4	287.3	2.7

**** Significantly different from the control group value at p = < 0.01**

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.224	12.6	5.2	1320	1320	1488	1440
16617	1.145	12.2	5.3	1296	1176	1416	1416
16618	1.017	12.0	5.1	1080	1128	1296	1296
16619	1.107	12.1	5.0	1248	1248	1344	1296
16620	1.020	11.9	4.8	1056	1080	1272	1200
16621	1.016	11.5	5.0	1080	1176	1272	1272
16623	1.127	12.0	4.8	1080	1224	1344	1296
16625	1.125	12.2	5.5	1248	1296	1344	1344
16626	1.225	13.2	5.4	1296	----	1440	1320
16629	1.101	12.2	5.0	1128	1176	1392	1368
16630	1.252	12.8	5.5	1200	1248	1416	1488
16631	1.169	12.2	5.2	1080	1176	1536	1464
16634	1.061	11.8	4.8	1152	1176	1272	1320
16635	1.304	13.1	6.0	1008	1080	1296	1368
16636	0.940	11.5	4.9	912	864	1080	1152
16637	0.823	10.8	3.8	960	960	1104	1056
MEAN	1.104	12.1	5.1	1134	1155	1332	1319
SD	0.123	0.6	0.5	124.1	121.3	122.4	113.8

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16685	1.104	12.2	5.2	1440	1368	1440	1368
16686	1.149	12.6	5.1	1200	1200	1440	1368
16688	0.908	11.8	4.3	1080	984	1272	1152
16689	1.175	12.1	5.1	1200	1080	1440	1440
16690	1.084	11.8	5.4	1320	1320	1512	1656
16692	1.006	11.8	5.0	1080	1080	1272	1344
16693	1.216	12.7	5.0	1392	1248	1536	1416
16695	1.163	12.5	4.7	1344	1392	1584	1536
16696	0.916	11.0	4.4	1152	1200	1224	1272
16697	1.215	12.2	5.3	1488	1488	1656	1632
16698	1.009	11.8	5.0	1176	1224	1368	1368
16699	1.236	12.7	5.4	1320	1296	1368	1464
16701	1.142	12.8	5.2	1320	1320	1320	1344
16706	0.992	11.4	4.2	1080	1224	1248	1368
16707	1.049	11.5	5.1	1320	1272	1320	1368
MEAN	1.091	12.1	5.0	1261*	1246	1400	1406
SD	0.107	0.5	0.4	132.7	130.3	130.1	128.9

* Significantly different from the control group value at $p = < 0.05$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2040	2016	307	307	936	936	432
16617	1968	2088	317	336	912	888	456
16618	1872	2040	365	317	----	----	----
16619	1896	1896	240	240	1056	936	504
16620	1824	1872	346	----	840	864	384
16621	1848	1800	307	374	960	912	456
16623	2112	2016	384	365	912	912	408
16625	2040	1992	288	307	936	984	504
16626	2064	2040	326	298	1032	960	552
16629	2136	2064	384	384	1128	936	576
16630	2160	1992	307	365	1176	1008	576
16631	2040	2160	394	394	1008	960	456
16634	1944	1992	346	365	936	912	288
16635	2232	2040	298	298	1104	1080	528
16636	1872	1920	461	470	1080	1080	528
16637	1680	1728	336	326	936	840	432
MEAN	1983	1979	338	343	997	947	472
SD	145.8	110.5	51.9	54.2	95.5	69.0	78.4

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16685	2160	2232	288	288	888	792	480
16686	2208	2160	461	470	1152	984	600
16688	1920	1800	278	269	960	888	480
16689	2232	2112	461	451	1080	1080	600
16690	2064	2160	317	----	1008	1032	480
16692	2040	1920	288	269	816	840	384
16693	2160	2160	278	278	1080	960	504
16695	2328	2280	----	269	864	816	432
16696	1848	1920	326	346	864	840	408
16697	2232	2304	422	413	960	1008	480
16698	1992	2040	269	288	960	864	456
16699	2136	2064	298	288	888	912	480
16701	1920	1920	317	307	888	840	480
16706	1920	1968	269	288	840	912	408
16707	1944	2016	307	307	936	888	504
MEAN	2074	2070	327	324	946	910	478
SD	145.9	147.8	68.5	69.5	98.0	85.3	61.2

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	432	480	504	264	264	3312	38
16617	432	432	432	264	192	2880	31
16618	----	----	----	----	----	2832	46
16619	480	552	456	336	288	2928	43
16620	432	432	432	240	240	2640	36
16621	456	480	456	264	240	2400	36
16623	456	480	456	288	264	2832	38
16625	528	504	432	288	288	2976	36
16626	504	480	480	360	288	3024	38
16629	408	552	528	408	264	2976	36
16630	528	600	480	360	312	3120	41
16631	456	552	480	312	312	2880	41
16634	456	528	456	264	264	2688	38
16635	576	576	504	408	312	3120	48
16636	552	528	480	312	336	2592	38
16637	312	480	456	312	264	2208	34
MEAN	467	510	469	312	275	2838	39
SD	65.3	50.1	28.5	52.9	36.1	280.4	4.3

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16685	480	408	384	264	336	3120	43
16686	456	528	480	432	288	2736	31
16688	480	456	432	288	288	2496	36
16689	504	480	480	336	336	2928	34
16690	528	504	456	312	288	2544	41
16692	408	432	408	240	240	2640	34
16693	480	576	456	360	240	2784	41
16695	456	456	408	240	264	2784	38
16696	408	456	408	288	240	2256	29
16697	576	480	432	288	288	3024	38
16698	408	504	480	312	240	2400	41
16699	456	432	456	240	264	2976	38
16701	408	432	432	264	240	2640	38
16706	480	480	432	264	216	2400	46
16707	456	408	408	240	240	2640	38
MEAN	466	469*	437**	291	267	2691	38
SD	47.8	46.1	30.4	53.6	36.1	250.4	4.5

* Significantly different from the control group value at $p = < 0.05$

** Significantly different from the control group value at $p = < 0.01$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16616	1.224	12.6	5.2	1320	1320	1488	1440
16617	1.145	12.2	5.3	1296	1176	1416	1416
16618	1.017	12.0	5.1	1080	1128	1296	1296
16619	1.107	12.1	5.0	1248	1248	1344	1296
16620	1.020	11.9	4.8	1056	1080	1272	1200
16621	1.016	11.5	5.0	1080	1176	1272	1272
16623	1.127	12.0	4.8	1080	1224	1344	1296
16625	1.125	12.2	5.5	1248	1296	1344	1344
16626	1.225	13.2	5.4	1296	----	1440	1320
16629	1.101	12.2	5.0	1128	1176	1392	1368
16630	1.252	12.8	5.5	1200	1248	1416	1488
16631	1.169	12.2	5.2	1080	1176	1536	1464
16634	1.061	11.8	4.8	1152	1176	1272	1320
16635	1.304	13.1	6.0	1008	1080	1296	1368
16636	0.940	11.5	4.9	912	864	1080	1152
16637	0.823	10.8	3.8	960	960	1104	1056
MEAN	1.104	12.1	5.1	1134	1155	1332	1319
SD	0.123	0.6	0.5	124.1	121.3	122.4	113.8

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16708	1.120	12.2	4.8	1248	1296	1392	1392
16709	1.122	12.8	5.1	1224	1272	1248	1272
16711	0.857	11.0	4.5	936	1056	1104	1248
16712	1.151	12.0	5.0	1128	1248	1416	1416
16713	1.070	12.0	4.8	1176	1152	1464	1392
16715	1.092	12.0	5.0	1200	1272	1368	1344
16716	1.053	12.0	5.1	1128	1248	1392	1584
16717	1.096	12.0	5.1	1056	1248	1392	1392
16718	1.032	12.0	4.6	1128	1008	1248	1056
16719	1.120	12.6	4.8	1200	1320	1536	1440
16723	1.240	12.8	5.2	1224	1128	1440	1272
16724	0.995	12.0	4.3	1032	1032	1224	1152
16725	1.043	11.8	5.2	1200	1176	1272	1344
16728	0.986	11.8	4.8	984	1056	1200	1176
16730	1.243	12.8	5.2	1344	1440	1656	1560
MEAN	1.081	12.1	4.9	1147	1197	1357	1336
SD	0.097	0.5	0.3	108.2	123.6	142.5	144.5

No values are significantly different from those of the control group (Group I).

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16616	2040	2016	307	307	936	936	432
16617	1968	2088	317	336	912	888	456
16618	1872	2040	365	317	----	----	----
16619	1896	1896	240	240	1056	936	504
16620	1824	1872	346	----	840	864	384
16621	1848	1800	307	374	960	912	456
16623	2112	2016	384	365	912	912	408
16625	2040	1992	288	307	936	984	504
16626	2064	2040	326	298	1032	960	552
16629	2136	2064	384	384	1128	936	576
16630	2160	1992	307	365	1176	1008	576
16631	2040	2160	394	394	1008	960	456
16634	1944	1992	346	365	936	912	288
16635	2232	2040	298	298	1104	1080	528
16636	1872	1920	461	470	1080	1080	528
16637	1680	1728	336	326	936	840	432
MEAN	1983	1979	338	343	997	947	472
SD	145.8	110.5	51.9	54.2	95.5	69.0	78.4

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16708	1944	2136	288	269	888	----	408
16709	2088	2088	422	413	960	984	504
16711	1824	1848	317	298	936	840	408
16712	2040	2040	250	288	1104	936	576
16713	1992	2088	374	384	936	912	456
16715	2112	2112	240	288	936	840	480
16716	1944	2088	317	336	960	960	456
16717	2040	1944	173	173	936	864	456
16718	1968	2088	336	336	840	1008	384
16719	2088	1992	240	259	888	864	408
16723	1968	2232	259	259	1128	1104	576
16724	1944	1896	326	307	864	840	432
16725	1944	2040	298	288	888	936	408
16728	1968	2040	269	317	864	864	456
16730	2064	2040	259	259	936	960	456
MEAN	1995	2045	291*	298*	938	922	458
SD	76.4	96.1	61.1	56.9	81.4	77.5	57.7

* Significantly different from the control group value at $p = < 0.05$

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 10 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16616	432	480	504	264	264	3312	38
16617	432	432	432	264	192	2880	31
16618	----	----	----	----	----	2832	46
16619	480	552	456	336	288	2928	43
16620	432	432	432	240	240	2640	36
16621	456	480	456	264	240	2400	36
16623	456	480	456	288	264	2832	38
16625	528	504	432	288	288	2976	36
16626	504	480	480	360	288	3024	38
16629	408	552	528	408	264	2976	36
16630	528	600	480	360	312	3120	41
16631	456	552	480	312	312	2880	41
16634	456	528	456	264	264	2688	38
16635	576	576	504	408	312	3120	48
16636	552	528	480	312	336	2592	38
16637	312	480	456	312	264	2208	34
MEAN	467	510	469	312	275	2838	39
SD	65.3	50.1	28.5	52.9	36.1	280.4	4.3

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	External Germinal Layer (μ)
16708	----	456	----	264	----	3024	36
16709	480	456	504	336	312	2928	34
16711	360	528	456	240	240	2544	38
16712	480	504	432	384	264	3120	41
16713	456	480	456	288	264	2688	41
16715	408	456	432	288	264	3216	34
16716	480	456	480	312	336	2784	36
16717	456	480	408	312	264	2784	41
16718	480	456	504	240	360	2640	34
16719	408	480	432	264	240	2640	36
16723	600	552	504	408	408	3312	34
16724	408	432	432	264	240	2688	41
16725	480	480	432	240	240	2736	38
16728	480	432	384	240	264	2496	29
16730	480	480	480	288	264	3120	36
MEAN	461	475*	453	291	283	2848	36
SD	55.8	33.0	37.5	52.0	51.7	255.1	3.5

* Significantly different from the control group value (p = < 0.05)

The absence of a measurement indicates sub-optimal representation of the area in the sections.

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.2	6.9	1752	1776	1776	1800
16732	1.700	14.0	6.7	1896	1800	1824	1824
16734	1.800	14.2	7.4	1776	1896	1800	1848
16735	1.800	14.4	7.1	1920	1776	1848	1800
16736	1.700	14.1	6.5	1944	1728	1872	1824
16737	1.750	14.2	6.9	1752	1680	1800	1704
16738	1.850	14.4	7.1	1848	1800	1872	1728
16740	1.700	14.0	7.3	1752	1608	1776	1656
16741	1.700	13.8	6.8	1800	1824	1800	1848
16742	1.800	14.3	7.2	1848	1776	1848	1680
16745	1.800	14.4	7.1	1848	1824	1992	1872
16746	1.750	14.3	6.6	1728	1728	1704	1776
16747	1.800	14.3	7.0	1752	1752	1824	1752
16749	1.900	14.6	7.1	1704	1728	1752	1776
16750	1.850	14.8	6.9	1872	1800	1968	1728
16753	1.800	14.1	7.5	1848	1776	1896	1776
MEAN	1.775	14.3	7.0	1815	1767	1835	1775
SD	0.063	0.2	0.3	72.7	65.5	74.9	62.9

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16755	1.800	14.5	6.9	1824	1776	1776	1680
16758	1.775	14.4	6.8	1752	1728	1776	1776
16760	1.665	13.7	6.8	1800	1680	1704	1680
16761	1.835	14.1	6.9	1848	1824	1752	1800
16762	1.800	14.0	6.9	1680	1608	1704	1680
16763	1.800	14.1	7.5	1848	1872	1848	1848
16764	1.800	13.9	7.0	1824	1896	1920	1800
16765	1.800	15.0	7.0	1704	1680	1776	1728
16767	1.900	14.8	6.9	1896	1872	1920	1920
16768	2.000	15.0	7.4	2112	1992	1968	1992
16769	1.700	14.2	7.3	1752	1752	1776	1752
16770	1.935	14.4	7.6	1824	1800	1920	1824
16771	1.900	14.6	7.0	1920	1848	1896	1872
16773	1.725	14.2	7.0	1872	1752	1848	1824
16774	1.725	14.5	6.5	1848	1848	1896	1896
16776	1.765	14.2	6.8	1944	1824	1944	1920
MEAN	1.808	14.4	7.0	1840	1797	1839	1812
SD	0.089	0.4	0.3	102.5	95.9	87.1	94.0

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	3024	3024	317	346	1392	1368	792
16732	2688	2736	192	192	1512	1512	888
16734	2736	3072	240	269	1512	1488	864
16735	2688	2784	240	230	1392	1392	816
16736	3120	3072	269	259	1320	1344	744
16737	2784	2736	202	192	1368	1368	792
16738	2880	2976	182	202	1392	1416	768
16740	2832	2832	211	211	1296	1200	720
16741	2928	2976	307	365	1392	1344	720
16742	2592	2784	202	192	1512	1464	888
16745	2784	2880	211	211	1368	1200	792
16746	2736	2640	182	163	1272	1320	720
16747	2832	2736	221	288	1440	1320	816
16749	2688	2736	163	163	1440	1392	768
16750	2784	2784	202	192	1296	1392	744
16753	3024	3024	240	250	1440	1320	840
MEAN	2820	2862	224	233	1397	1365	792
SD	144.0	141.2	43.5	59.9	77.0	86.7	56.8

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16755	2736	2832	250	221	1464	1392	864
16758	2784	2688	182	192	1320	1320	720
16760	2496	2544	278	240	1392	1368	768
16761	2496	2496	173	182	1440	1368	792
16762	2688	2736	173	163	1272	1296	720
16763	2736	3024	211	240	1488	1440	840
16764	2832	2832	173	173	1488	1464	888
16765	2880	2736	173	173	1368	1296	744
16767	2640	2688	192	192	1440	1488	864
16768	3072	3072	192	211	1464	1488	816
16769	2928	2928	269	269	1224	1296	768
16770	2976	3024	221	240	1488	1392	864
16771	3216	3024	298	278	1608	1560	792
16773	2736	2640	192	202	1416	1440	792
16774	2544	2832	202	211	1512	1416	840
16776	2784	2736	202	202	1440	1440	840
MEAN	2784	2802	211	212	1426	1404	807
SD	199.8	176.0	40.7	34.0	95.2	77.9	53.2

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	816	600	576	480	504	4416	192	192
16732	864	576	576	456	456	4656	192	192
16734	864	624	504	504	528	4608	192	192
16735	792	576	576	384	480	4608	202	202
16736	744	552	552	432	432	4176	182	182
16737	792	840	552	504	480	4368	230	240
16738	768	576	600	456	504	4368	125	144
16740	648	528	600	480	504	4656	182	192
16741	720	576	528	456	480	4416	163	154
16742	816	624	600	480	480	4512	173	173
16745	744	552	576	408	480	4656	173	173
16746	744	528	528	408	432	4080	211	211
16747	792	624	528	480	504	4272	192	192
16749	744	624	576	504	528	4992	211	221
16750	792	552	552	408	456	4368	192	192
16753	768	576	600	456	504	4512	192	192
MEAN	776	596	564	456	485	4479	188	190
SD	53.8	72.9	30.4	38.2	29.4	220.8	23.5	23.3

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16755	816	576	600	408	432	4992	278	278
16758	744	576	576	408	432	4896	192	211
16760	768	600	576	432	432	4800	307	288
16761	768	600	528	504	528	4800	202	221
16762	744	528	528	432	456	4896	202	192
16763	816	624	600	504	504	4944	259	288
16764	792	624	600	504	480	5280	336	307
16765	720	528	504	576	552	4416	182	173
16767	864	600	600	480	480	5232	307	298
16768	864	600	600	480	528	5088	278	288
16769	----	456	----	480	552	5040	163	144
16770	840	600	552	504	480	5232	326	326
16771	888	696	648	552	552	5088	250	221
16773	816	600	600	456	456	5136	250	250
16774	792	600	600	480	456	4560	211	240
16776	840	600	600	408	408	4992	394	346
MEAN	805	588	581	476	483	4962	259	254
SD	49.6	51.8	37.6	49.7	47.9	236.4	64.6	57.3

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.2	6.9	1752	1776	1776	1800
16732	1.700	14.0	6.7	1896	1800	1824	1824
16734	1.800	14.2	7.4	1776	1896	1800	1848
16735	1.800	14.4	7.1	1920	1776	1848	1800
16736	1.700	14.1	6.5	1944	1728	1872	1824
16737	1.750	14.2	6.9	1752	1680	1800	1704
16738	1.850	14.4	7.1	1848	1800	1872	1728
16740	1.700	14.0	7.3	1752	1608	1776	1656
16741	1.700	13.8	6.8	1800	1824	1800	1848
16742	1.800	14.3	7.2	1848	1776	1848	1680
16745	1.800	14.4	7.1	1848	1824	1992	1872
16746	1.750	14.3	6.6	1728	1728	1704	1776
16747	1.800	14.3	7.0	1752	1752	1824	1752
16749	1.900	14.6	7.1	1704	1728	1752	1776
16750	1.850	14.8	6.9	1872	1800	1968	1728
16753	1.800	14.1	7.5	1848	1776	1896	1776
MEAN	1.775	14.3	7.0	1815	1767	1835	1775
SD	0.063	0.2	0.3	72.7	65.5	74.9	62.9

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16781	1.835	14.6	7.1	1800	1896	1872	1896
16782	1.900	14.6	6.8	1896	1968	1728	1848
16783	1.815	14.6	6.4	1896	1920	1920	1872
16784	1.875	14.6	7.2	1800	1728	1848	1752
16786	1.700	14.2	6.8	1920	1872	1896	1800
16787	1.860	14.7	7.5	1872	1848	1872	1872
16791	1.765	14.3	7.0	1848	1896	1848	1872
16792	1.850	14.5	6.9	1680	1752	1872	1896
16793	1.900	14.5	6.9	1944	1968	1920	1920
16794	1.750	13.7	6.8	1896	2016	2040	1872
16795	1.700	13.9	6.9	1848	1680	1848	1776
16796	1.900	14.5	7.2	1944	1920	1944	1872
16797	1.800	14.4	7.3	1872	1824	1872	1800
16798	1.745	14.6	6.8	1920	1800	1848	1800
16799	1.800	14.2	6.7	1848	1944	1920	1968
MEAN	1.813	14.4	7.0	1866	1869	1883	1854
SD	0.069	0.29	0.3	68.2	96.4	66.6	58.4

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	3024	3024	317	346	1392	1368	792
16732	2688	2736	192	192	1512	1512	888
16734	2736	3072	240	269	1512	1488	864
16735	2688	2784	240	230	1392	1392	816
16736	3120	3072	269	259	1320	1344	744
16737	2784	2736	202	192	1368	1368	792
16738	2880	2976	182	202	1392	1416	768
16740	2832	2832	211	211	1296	1200	720
16741	2928	2976	307	365	1392	1344	720
16742	2592	2784	202	192	1512	1464	888
16745	2784	2880	211	211	1368	1200	792
16746	2736	2640	182	163	1272	1320	720
16747	2832	2736	221	288	1440	1320	816
16749	2688	2736	163	163	1440	1392	768
16750	2784	2784	202	192	1296	1392	744
16753	3024	3024	240	250	1440	1320	840
MEAN	2820	2862	224	233	1397	1365	792
SD	144.0	141.2	43.5	59.9	77.0	86.7	56.8

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16781	2832	2784	192	182	1440	1392	840
16782	2784	2640	202	192	1440	1464	816
16783	2880	2928	202	202	1512	1488	840
16784	2880	2880	163	163	1392	1440	768
16786	2880	2688	202	202	1464	1416	840
16787	2976	2784	269	240	1368	1440	768
16791	2880	2784	259	240	1392	1416	768
16792	2880	2784	240	259	1440	1416	816
16793	2928	2880	250	278	1512	1488	864
16794	3024	2784	278	288	1464	1560	864
16795	2976	2736	182	173	1296	1272	768
16796	2928	2784	250	259	1488	1464	840
16797	2784	2832	154	154	1440	1416	816
16798	3072	3072	240	230	1344	1416	768
16799	2688	2784	182	192	1344	1416	792
MEAN	2893	2810	218	217	1422	1434	811
SD	98.5	102.4	39.7	42.5	64.4	61.8	36.5

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	816	600	576	480	504	4416	192	192
16732	864	576	576	456	456	4656	192	192
16734	864	624	504	504	528	4608	192	192
16735	792	576	576	384	480	4608	202	202
16736	744	552	552	432	432	4176	182	182
16737	792	840	552	504	480	4368	230	240
16738	768	576	600	456	504	4368	125	144
16740	648	528	600	480	504	4656	182	192
16741	720	576	528	456	480	4416	163	154
16742	816	624	600	480	480	4512	173	173
16745	744	552	576	408	480	4656	173	173
16746	744	528	528	408	432	4080	211	211
16747	792	624	528	480	504	4272	192	192
16749	744	624	576	504	528	4992	211	221
16750	792	552	552	408	456	4368	192	192
16753	768	576	600	456	504	4512	192	192
MEAN	776	596	564	456	485	4479	188	190
SD	53.8	72.9	30.4	38.2	29.4	220.8	23.5	23.3

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16781	792	600	600	456	384	5088	202	202
16782	840	600	600	480	480	4800	202	240
16783	840	624	624	480	528	4608	182	192
16784	840	600	576	456	432	4752	192	192
16786	816	600	600	480	480	4704	173	173
16787	792	552	600	360	456	5088	250	240
16791	768	600	624	408	432	4848	230	230
16792	816	624	600	360	456	4656	470	451
16793	840	624	648	480	480	5280	240	230
16794	888	624	624	384	456	5136	336	307
16795	744	528	528	360	384	4848	269	278
16796	840	648	624	384	432	5328	346	336
16797	816	576	600	456	456	5232	192	144
16798	816	576	576	432	432	5136	144	154
16799	792	552	576	456	432	4704	432	384
MEAN	816	595	600	429	448	4947	257	250
SD	35.1	33.0	28.7	47.9	37.0	245.7	96.8	87.1

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.2	6.9	1752	1776	1776	1800
16732	1.700	14.0	6.7	1896	1800	1824	1824
16734	1.800	14.2	7.4	1776	1896	1800	1848
16735	1.800	14.4	7.1	1920	1776	1848	1800
16736	1.700	14.1	6.5	1944	1728	1872	1824
16737	1.750	14.2	6.9	1752	1680	1800	1704
16738	1.850	14.4	7.1	1848	1800	1872	1728
16740	1.700	14.0	7.3	1752	1608	1776	1656
16741	1.700	13.8	6.8	1800	1824	1800	1848
16742	1.800	14.3	7.2	1848	1776	1848	1680
16745	1.800	14.4	7.1	1848	1824	1992	1872
16746	1.750	14.3	6.6	1728	1728	1704	1776
16747	1.800	14.3	7.0	1752	1752	1824	1752
16749	1.900	14.6	7.1	1704	1728	1752	1776
16750	1.850	14.8	6.9	1872	1800	1968	1728
16753	1.800	14.1	7.5	1848	1776	1896	1776
MEAN	1.775	14.3	7.0	1815	1767	1835	1775
SD	0.063	0.2	0.3	72.7	65.5	74.9	62.9

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16800	1.800	13.9	7.3	1776	1824	1872	1800
16801	1.805	14.2	7.2	1800	1824	1824	1824
16802	1.805	14.2	6.8	1752	1704	1800	1800
16803	1.800	14.8	7.0	1872	1776	1824	1848
16805	1.900	14.7	6.8	1872	1848	1872	1776
16806	1.905	14.8	7.6	1896	1872	1920	1752
16807	1.800	14.0	7.1	1824	1800	1776	1800
16808	1.800	14.4	6.8	1992	1944	1944	1848
16810	1.805	14.1	7.3	1896	1896	1872	1872
16811	1.900	14.5	7.3	1848	1728	1872	1776
16814	1.805	14.3	7.2	1944	1848	1872	1848
16815	1.900	14.2	6.9	1824	1776	1848	1776
16817	1.865	14.5	6.9	1920	1896	1920	1848
16818	1.850	14.7	7.0	1920	1872	1920	1800
16820	1.750	14.0	6.7	1800	1752	1848	1872
16822	1.815	14.5	7.2	1800	1896	1776	1800
MEAN	1.832	14.4	7.1	1858	1828	1860	1815
SD	0.048	0.3	0.2	66.7	68.0	51.1	37.1

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	3024	3024	317	346	1392	1368	792
16732	2688	2736	192	192	1512	1512	888
16734	2736	3072	240	269	1512	1488	864
16735	2688	2784	240	230	1392	1392	816
16736	3120	3072	269	259	1320	1344	744
16737	2784	2736	202	192	1368	1368	792
16738	2880	2976	182	202	1392	1416	768
16740	2832	2832	211	211	1296	1200	720
16741	2928	2976	307	365	1392	1344	720
16742	2592	2784	202	192	1512	1464	888
16745	2784	2880	211	211	1368	1200	792
16746	2736	2640	182	163	1272	1320	720
16747	2832	2736	221	288	1440	1320	816
16749	2688	2736	163	163	1440	1392	768
16750	2784	2784	202	192	1296	1392	744
16753	3024	3024	240	250	1440	1320	840
MEAN	2820	2862	224	233	1397	1365	792
SD	144.0	141.2	43.5	59.9	77.0	86.7	56.8

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16800	2736	2784	211	211	1272	1272	768
16801	2784	2640	240	211	1392	1488	768
16802	2784	2688	288	288	1440	1416	864
16803	2640	2592	192	192	1344	1416	792
16805	3120	2976	250	211	1272	1272	768
16806	2832	2832	144	106	1416	1416	864
16807	2448	2544	182	173	1416	1464	840
16808	3024	2736	202	192	1464	1440	744
16810	2976	2976	163	173	1392	1488	768
16811	2784	2736	240	240	1560	1488	912
16814	2784	2976	211	192	1464	1464	840
16815	2688	2928	202	211	1440	1536	840
16817	2880	2832	202	192	1488	1536	840
16818	2976	2784	173	154	1440	1392	864
16820	2976	3072	202	202	1512	1512	888
16822	2880	2928	211	202	1440	1488	720
MEAN	2832	2814	207	197	1422	1443*	818
SD	165.4	153.7	35.2	38.7	77.1	79.3	56.4

TABLE 1

**Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats
Maternal Dosage Group I (0 mg/kg/day)**

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	816	600	576	480	504	4416	192	192
16732	864	576	576	456	456	4656	192	192
16734	864	624	504	504	528	4608	192	192
16735	792	576	576	384	480	4608	202	202
16736	744	552	552	432	432	4176	182	182
16737	792	840	552	504	480	4368	230	240
16738	768	576	600	456	504	4368	125	144
16740	648	528	600	480	504	4656	182	192
16741	720	576	528	456	480	4416	163	154
16742	816	624	600	480	480	4512	173	173
16745	744	552	576	408	480	4656	173	173
16746	744	528	528	408	432	4080	211	211
16747	792	624	528	480	504	4272	192	192
16749	744	624	576	504	528	4992	211	221
16750	792	552	552	408	456	4368	192	192
16753	768	576	600	456	504	4512	192	192
MEAN	776	596	564	456	485	4479	188	190
SD	53.8	72.9	30.4	38.2	29.4	220.8	23.5	23.3

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16800	744	552	600	456	504	4848	192	192
16801	768	600	600	432	456	5328	346	288
16802	816	600	528	432	432	5040	326	278
16803	816	576	552	432	456	4512	278	250
16805	----	480	----	552	552	4224	211	211
16806	864	552	576	456	456	5088	202	192
16807	864	552	576	456	456	4704	230	221
16808	720	600	576	504	504	5088	182	173
16810	912	600	576	456	456	5088	202	211
16811	864	648	624	456	456	4464	365	374
16814	768	624	576	432	480	4752	365	326
16815	768	600	600	384	480	5136	307	336
16817	768	624	624	480	480	4800	182	173
16818	840	552	552	480	480	4800	163	154
16820	864	576	624	456	432	5136	250	259
16822	840	600	624	456	456	5088	250	230
MEAN	814	584	587	458	471	4881	253	242
SD	55.5	39.9	29.9	36.6	30.2	297.8	69.2	64.4

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.2	6.9	1752	1776	1776	1800
16732	1.700	14.0	6.7	1896	1800	1824	1824
16734	1.800	14.2	7.4	1776	1896	1800	1848
16735	1.800	14.4	7.1	1920	1776	1848	1800
16736	1.700	14.1	6.5	1944	1728	1872	1824
16737	1.750	14.2	6.9	1752	1680	1800	1704
16738	1.850	14.4	7.1	1848	1800	1872	1728
16740	1.700	14.0	7.3	1752	1608	1776	1656
16741	1.700	13.8	6.8	1800	1824	1800	1848
16742	1.800	14.3	7.2	1848	1776	1848	1680
16745	1.800	14.4	7.1	1848	1824	1992	1872
16746	1.750	14.3	6.6	1728	1728	1704	1776
16747	1.800	14.3	7.0	1752	1752	1824	1752
16749	1.900	14.6	7.1	1704	1728	1752	1776
16750	1.850	14.8	6.9	1872	1800	1968	1728
16753	1.800	14.1	7.5	1848	1776	1896	1776
MEAN	1.775	14.3	7.0	1815	1767	1835	1775
SD	0.063	0.2	0.3	72.7	65.5	74.9	62.9

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex	Left Parietal Cortex (μ)
16823	1.750	14.5	7.0	1920	1872	1920	1896
16825	1.800	14.1	7.2	1800	1752	1752	1728
16826	1.800	14.5	6.8	1824	1848	1920	1800
16827	1.750	14.2	7.5	2136	1992	2016	1896
16828	1.820	14.6	7.0	1920	1848	1920	1872
16830	1.820	14.5	7.2	1944	1824	1968	1824
16831	1.800	14.4	6.9	1992	1944	1944	1872
16833	1.718	14.1	6.6	1776	1776	1800	1776
16834	1.715	14.0	7.0	1776	1752	1848	1752
16836	1.815	14.6	6.7	1968	1872	2016	1848
16837	1.800	14.1	7.0	1872	1824	1848	1896
16839	1.800	14.3	6.7	2064	1920	2016	1848
16840	1.815	14.3	7.3	1872	1824	1920	1872
16842	1.850	14.6	6.9	1848	1800	1848	1824
16843	1.750	14.3	6.7	1872	1800	1896	1800
16844	1.950	15.1	6.9	1872	1776	1896	1800
MEAN	1.797	14.4	6.9	1904	1839	1908	1832
SD	0.056	0.3	0.2	100.2	68.4	76.4	52.4

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	3024	3024	317	346	1392	1368	792
16732	2688	2736	192	192	1512	1512	888
16734	2736	3072	240	269	1512	1488	864
16735	2688	2784	240	230	1392	1392	816
16736	3120	3072	269	259	1320	1344	744
16737	2784	2736	202	192	1368	1368	792
16738	2880	2976	182	202	1392	1416	768
16740	2832	2832	211	211	1296	1200	720
16741	2928	2976	307	365	1392	1344	720
16742	2592	2784	202	192	1512	1464	888
16745	2784	2880	211	211	1368	1200	792
16746	2736	2640	182	163	1272	1320	720
16747	2832	2736	221	288	1440	1320	816
16749	2688	2736	163	163	1440	1392	768
16750	2784	2784	202	192	1296	1392	744
16753	3024	3024	240	250	1440	1320	840
MEAN	2820	2862	224	233	1397	1365	792
SD	144.0	141.6	43.5	59.9	77.0	86.7	56.8

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16823	2880	2880	211	221	1584	1632	936
16825	2688	2784	192	192	1416	1320	816
16826	2832	2736	230	221	1512	1416	888
16827	3120	3072	182	192	1512	1440	864
16828	2784	2880	134	144	1464	1464	816
16830	3120	3024	202	221	1464	1344	792
16831	3120	3024	221	230	1440	1440	792
16833	2928	2832	202	202	1416	1320	768
16834	2736	2784	163	173	1320	1272	744
16836	3024	2976	182	192	1536	1560	864
16837	2784	2784	250	221	1488	1464	864
16839	2976	3120	211	211	1512	1560	912
16840	3264	3264	288	307	1392	1368	792
16842	3168	3072	250	269	1584	1464	936
16843	3024	2976	240	269	1320	---	792
16844	3024	2976	250	269	1584	1584	912
MEAN	2976	2949	213	221	1472	1443	843
SD	170.1	146.6	38.3	41.3	84.4	106.9	61.9

TABLE 1

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Male Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	816	600	576	480	504	4416	192	192
16732	864	576	576	456	456	4656	192	192
16734	864	624	504	504	528	4608	192	192
16735	792	576	576	384	480	4608	202	202
16736	744	552	552	432	432	4176	182	182
16737	792	840	552	504	480	4368	230	240
16738	768	576	600	456	504	4368	125	144
16740	648	528	600	480	504	4656	182	192
16741	720	576	528	456	480	4416	163	154
16742	816	624	600	480	480	4512	173	173
16745	744	552	576	408	480	4656	173	173
16746	744	528	528	408	432	4080	211	211
16747	792	624	528	480	504	4272	192	192
16749	744	624	576	504	528	4992	211	221
16750	792	552	552	408	456	4368	192	192
16753	768	576	600	456	504	4512	192	192
MEAN	776	596	564	456	485	4479	188	190
SD	53.8	72.9	30.4	38.2	29.4	220.8	23.5	23.3

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16823	960	648	576	480	432	4896	202	211
16825	744	576	576	504	504	4752	202	192
16826	744	624	648	480	504	4848	221	192
16827	816	624	600	480	480	4512	192	211
16828	792	552	600	480	480	4560	134	134
16830	768	600	624	480	480	4608	173	202
16831	792	648	576	384	552	4608	326	346
16833	744	600	552	432	480	4368	221	211
16834	720	528	528	408	504	4416	173	182
16836	912	648	600	432	456	4416	288	269
16837	816	600	600	456	504	4752	230	230
16839	912	600	600	480	504	4560	221	192
16840	792	576	600	480	552	4320	211	192
16842	840	624	648	456	480	4800	240	230
16843	672	600	552	480	480	4848	211	202
16844	912	624	600	528	552	4896	230	230
MEAN	809	605	593*	465	497	4635*	217*	214
SD	80.7	34.2	32.5	36.0	33.6	195.9	44.6	45.3

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.5	7.0	1968	1824	1944	1800
16732	1.800	14.6	6.6	1800	1728	1800	1728
16734	1.750	14.2	7.3	2112	1944	1968	2040
16735	1.750	14.4	7.0	1920	1920	1920	1872
16736	1.650	14.0	6.7	1896	1800	1848	1776
16737	1.700	14.0	7.1	1848	1824	1944	1872
16738	1.800	14.3	7.1	1896	1752	1872	1776
16740	1.700	14.1	6.8	1824	1992	1704	1920
16741	1.600	13.7	7.0	1824	1872	1800	1824
16742	1.600	13.6	7.1	1752	1656	1704	1608
16745	1.700	13.9	6.3	1872	1824	1824	1800
16746	1.600	13.6	6.3	1968	1992	1848	1944
16747	1.800	14.0	7.2	1872	1848	1944	1896
16749	1.800	14.3	6.8	1848	1872	1872	1800
16750	1.700	13.7	6.9	1728	1824	1848	1800
16753	1.600	13.6	7.1	1896	1896	1824	1872
MEAN	1.703	14.0	6.9	1877	1848	1854	1833
SD	0.076	0.3	0.3	91.6	91.1	79.6	97.9

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16755	1.650	14.0	6.9	1872	1800	1848	1752
16758	1.800	14.2	6.9	1824	1872	1872	1872
16760	1.650	13.7	6.8	1800	1776	1800	1824
16761	1.800	14.4	7.0	1776	1752	1752	1752
16762	1.175	14.0	6.7	1680	1704	1680	1680
16763	1.735	14.2	7.2	1872	1872	1920	1920
16764	1.700	14.1	7.2	1800	1800	1800	1800
16765	1.750	14.5	7.2	1704	1776	1680	1680
16767	1.865	14.6	7.1	1800	1848	1752	1752
16768	1.845	14.1	7.1	1824	1848	1896	1872
16769	1.765	14.3	7.5	1800	1728	1848	1776
16770	1.760	14.1	7.4	1920	1848	1920	1884
16771	1.650	13.5	7.2	1776	1704	1728	1704
16773	1.800	14.5	7.0	1968	1896	1752	1920
16774	1.700	14.4	7.0	1848	1800	1800	1800
16776	1.635	13.9	6.8	1824	1680	1824	1752
MEAN	1.705	14.2	7.1	1818	1794	1805	1796
SD	0.158	0.3	0.2	71.5	67.0	77.0	79.3

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	2832	3024	182	173	1320	1344	768
16732	3216	3216	221	240	1272	1272	792
16734	3360	3360	250	278	1608	1656	912
16735	2928	3024	182	173	1368	1368	768
16736	2976	2928	221	230	1416	1416	816
16737	3072	3072	230	211	1440	1248	840
16738	3024	2880	278	250	1416	1440	816
16740	2880	2928	221	221	1224	----	696
16741	2928	2976	221	211	1488	1536	840
16742	3024	2688	298	336	1392	1344	816
16745	2976	2928	192	202	1440	1416	816
16746	2880	2880	182	182	1296	1296	720
16747	2928	3072	202	230	1512	1416	816
16749	3024	3024	182	163	1488	1416	840
16750	2928	2880	269	250	1368	1368	792
16753	2880	2880	163	173	1392	1440	792
MEAN	2991	2985	218	220	1403	1398	803
SD	135.4	154.0	39.0	45.5	97.2	102.4	50.3

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16755	2832	2784	192	192	1392	1392	816
16758	2832	2784	240	221	1440	1440	864
16760	2544	2640	202	192	1344	1296	768
16761	2688	2544	163	173	1272	1248	720
16762	2544	2496	154	163	1224	----	720
16763	2928	2784	115	106	1440	1488	816
16764	2688	2688	192	173	1344	1392	768
16765	2544	2544	163	154	1392	1368	792
16767	2736	2640	163	173	1512	1464	888
16768	2736	2736	211	211	1344	1344	744
16769	2544	2640	221	202	1224	1272	720
16770	2784	2736	202	211	1416	1344	816
16771	2640	2592	192	182	1344	1392	768
16773	2688	2640	192	173	1464	1440	840
16774	2544	2640	173	144	1392	1320	816
16776	2688	2688	192	192	1368	1368	816
MEAN	2685	2661	185	179	1370	1371	792
SD	120.8	89.3	29.7	28.8	80.5	69.6	51.2

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	768	600	624	456	456	4656	163	163
16732	720	576	552	456	480	4896	211	221
16734	936	696	672	456	480	4800	144	144
16735	744	648	600	480	504	4464	202	202
16736	840	576	576	408	408	4320	202	202
16737	720	624	648	480	552	4752	230	221
16738	816	576	648	504	528	4896	211	211
16740	672	528	----	384	360	4704	154	144
16741	912	600	648	456	504	4752	221	230
16742	792	576	600	480	480	4128	202	192
16745	792	600	648	456	480	4656	182	182
16746	720	576	576	408	384	4560	154	154
16747	792	696	672	576	600	5088	202	202
16749	768	576	600	504	600	4608	192	173
16750	768	552	552	480	480	5136	221	230
16753	744	552	576	432	432	4656	192	211
MEAN	782	597	613	464	483	4692	193	193
SD	69.5	47.9	41.4	45.3	67.8	257.3	26.3	29.4

Maternal Dosage Group II (0.01 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16755	792	600	576	360	384	4848	269	278
16758	840	600	600	456	432	4992	298	307
16760	744	552	552	432	408	4704	192	202
16761	720	528	504	456	552	5136	202	182
16762	----	576	----	432	----	4512	115	115
16763	720	648	624	456	456	4896	163	163
16764	792	576	576	456	480	5280	211	202
16765	792	576	576	480	480	4896	192	192
16767	864	624	600	528	528	4944	182	202
16768	768	600	552	384	432	5232	278	259
16769	768	528	504	408	408	5088	182	163
16770	792	600	576	456	456	5232	211	221
16771	840	576	576	456	456	4800	192	202
16773	816	624	624	432	432	4992	230	221
16774	792	600	552	408	408	5088	298	307
16776	816	552	552	384	432	4752	240	240
MEAN	790	585	570	437	450	4962	216	216
SD	42.0	33.8	35.7	41.3	45.8	211.7	50.4	52.4

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.5	7.0	1968	1824	1944	1800
16732	1.800	14.6	6.6	1800	1728	1800	1728
16734	1.750	14.2	7.3	2112	1944	1968	2040
16735	1.750	14.4	7.0	1920	1920	1920	1872
16736	1.650	14.0	6.7	1896	1800	1848	1776
16737	1.700	14.0	7.1	1848	1824	1944	1872
16738	1.800	14.3	7.1	1896	1752	1872	1776
16740	1.700	14.1	6.8	1824	1992	1704	1920
16741	1.600	13.7	7.0	1824	1872	1800	1824
16742	1.600	13.6	7.1	1752	1656	1704	1608
16745	1.700	13.9	6.3	1872	1824	1824	1800
16746	1.600	13.6	6.3	1968	1992	1848	1944
16747	1.800	14.0	7.2	1872	1848	1944	1896
16749	1.800	14.3	6.8	1848	1872	1872	1800
16750	1.700	13.7	6.9	1728	1824	1848	1800
16753	1.600	13.6	7.1	1896	1896	1824	1872
MEAN	1.703	14.0	6.9	1877	1848	1854	1833
SD	0.076	0.3	0.3	91.6	91.1	79.6	97.9

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16781	1.715	14.5	6.8	1776	1776	1824	1848
16782	1.750	14.0	6.8	1848	1920	1800	1920
16783	1.600	13.6	6.6	1632	1680	1680	1728
16784	1.950	14.7	7.3	1896	1896	1872	1800
16786	1.800	14.5	6.9	1800	1824	1776	1776
16787	1.750	14.4	7.1	1656	1704	1776	1872
16791	1.750	14.5	7.2	1896	1680	1824	1800
16792	1.700	14.0	6.8	1896	1824	1992	1872
16793	1.800	14.6	7.1	1752	1728	1824	1848
16794	1.815	14.3	7.3	1872	1872	1920	1800
16795	1.625	13.8	6.5	1728	1752	1848	1824
16796	1.800	14.2	7.2	1848	1800	1824	1848
16797	1.815	14.7	7.3	1872	1824	1848	1776
16798	1.665	14.2	6.5	1776	1776	1680	1728
16799	1.640	14.0	6.8	1920	1896	1920	1872
MEAN	1.745	14.3	6.9	1811	1797	1827	1821
SD	0.091	0.3	0.3	89.7	78.5	83.1	55.1

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	2832	3024	182	173	1320	1344	768
16732	3216	3216	221	240	1272	1272	792
16734	3360	3360	250	278	1608	1656	912
16735	2928	3024	182	173	1368	1368	768
16736	2976	2928	221	230	1416	1416	816
16737	3072	3072	230	211	1440	1248	840
16738	3024	2880	278	250	1416	1440	816
16740	2880	2928	221	221	1224	----	696
16741	2928	2976	221	211	1488	1536	840
16742	3024	2688	298	336	1392	1344	816
16745	2976	2928	192	202	1440	1416	816
16746	2880	2880	182	182	1296	1296	720
16747	2928	3072	202	230	1512	1416	816
16749	3024	3024	182	163	1488	1416	840
16750	2928	2880	269	250	1368	1368	792
16753	2880	2880	163	173	1392	1440	792
MEAN	2991	2985	218	220	1403	1398	803
SD	135.4	154.0	39.0	45.5	97.2	102.4	50.3

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16781	2880	2832	240	240	1296	1296	768
16782	2928	2832	230	250	1368	1440	768
16783	2496	2544	221	230	1272	1272	744
16784	2640	2640	259	278	1464	1656	840
16786	2736	2688	202	230	1344	1416	792
16787	2640	2592	240	250	1320	1344	768
16791	2640	2640	221	221	1272	1320	720
16792	2880	3024	192	202	1344	1344	816
16793	2784	2880	230	230	1440	1416	840
16794	2688	2736	298	298	1368	1392	768
16795	2832	2784	269	278	1320	1296	720
16796	2736	2688	269	240	1368	1392	768
16797	2736	2736	259	240	1368	1344	768
16798	2592	2592	163	154	1320	1320	768
16799	3024	2784	192	202	1440	1440	816
MEAN	2749	2733	232	236	1354	1379	778
SD	141.1	127.6	35.6	35.0	58.6	93.8	37.2

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	768	600	624	456	456	4656	163	163
16732	720	576	552	456	480	4896	211	221
16734	936	696	672	456	480	4800	144	144
16735	744	648	600	480	504	4464	202	202
16736	840	576	576	408	408	4320	202	202
16737	720	624	648	480	552	4752	230	221
16738	816	576	648	504	528	4896	211	211
16740	672	528	----	384	360	4704	154	144
16741	912	600	648	456	504	4752	221	230
16742	792	576	600	480	480	4128	202	192
16745	792	600	648	456	480	4656	182	182
16746	720	576	576	408	384	4560	154	154
16747	792	696	672	576	600	5088	202	202
16749	768	576	600	504	600	4608	192	173
16750	768	552	552	480	480	5136	221	230
16753	744	552	576	432	432	4656	192	211
MEAN	782	597	613	464	483	4692	193	193
SD	69.5	47.9	41.4	45.3	67.8	257.3	26.3	29.4

Maternal Dosage Group III (0.1 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16781	768	528	528	384	384	4656	240	240
16782	840	600	600	408	432	4896	374	374
16783	720	528	552	384	384	4704	182	192
16784	984	648	648	432	504	4800	490	442
16786	840	576	576	432	480	4512	250	259
16787	768	552	552	408	432	4512	336	336
16791	768	528	528	432	480	5088	202	182
16792	768	600	600	360	360	5136	374	384
16793	816	600	600	456	432	4560	269	259
16794	768	552	600	456	480	5136	221	230
16795	720	600	576	384	360	4896	442	403
16796	792	600	576	432	432	5232	221	211
16797	768	576	576	408	432	5088	221	230
16798	768	552	552	408	408	4512	154	134
16799	840	624	600	432	432	4896	202	202
MEAN	795	578	578	414	429	4842	279	272
SD	64.7	36.8	32.0	27.9	44.3	255.8	100.7	92.6

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.5	7.0	1968	1824	1944	1800
16732	1.800	14.6	6.6	1800	1728	1800	1728
16734	1.750	14.2	7.3	2112	1944	1968	2040
16735	1.750	14.4	7.0	1920	1920	1920	1872
16736	1.650	14.0	6.7	1896	1800	1848	1776
16737	1.700	14.0	7.1	1848	1824	1944	1872
16738	1.800	14.3	7.1	1896	1752	1872	1776
16740	1.700	14.1	6.8	1824	1992	1704	1920
16741	1.600	13.7	7.0	1824	1872	1800	1824
16742	1.600	13.6	7.1	1752	1656	1704	1608
16745	1.700	13.9	6.3	1872	1824	1824	1800
16746	1.600	13.6	6.3	1968	1992	1848	1944
16747	1.800	14.0	7.2	1872	1848	1944	1896
16749	1.800	14.3	6.8	1848	1872	1872	1800
16750	1.700	13.7	6.9	1728	1824	1848	1800
16753	1.600	13.6	7.1	1896	1896	1824	1872
MEAN	1.703	14.0	6.9	1877	1848	1854	1833
SD	0.076	0.3	0.3	91.6	91.1	79.6	97.9

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16800	1.700	14.0	6.7	1752	1728	1752	1752
16801	1.750	14.2	6.8	1800	1896	1848	1848
16802	1.715	14.1	6.7	1800	1824	1872	1848
16803	1.800	14.9	7.0	1824	1824	1800	1800
16805	1.825	14.5	6.9	1896	1968	1872	1992
16806	1.835	14.7	6.9	1896	2040	1872	1944
16807	1.750	14.3	7.0	1920	1872	1896	1872
16808	1.700	13.8	6.7	1920	1848	1920	1848
16810	1.750	13.9	7.1	1920	1920	1896	1896
16811	1.800	14.2	7.1	1824	1872	1848	1872
16814	1.800	14.5	7.3	1728	1680	1704	1680
16815	1.725	13.9	7.1	1728	1680	1728	1632
16817	1.750	14.6	7.0	1824	----	1752	1728
16818	1.725	14.3	7.0	1704	1800	1680	1776
16820	1.715	14.4	6.9	1752	1872	1824	1776
16822	1.900	14.6	7.2	1896	1848	1920	1872
MEAN	1.764	14.3	7.0	1824	1845	1824	1821
SD	0.056	0.3	0.2	76.4	98.1	78.4	94.3

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	2832	3024	182	173	1320	1344	768
16732	3216	3216	221	240	1272	1272	792
16734	3360	3360	250	278	1608	1656	912
16735	2928	3024	182	173	1368	1368	768
16736	2976	2928	221	230	1416	1416	816
16737	3072	3072	230	211	1440	1248	840
16738	3024	2880	278	250	1416	1440	816
16740	2880	2928	221	221	1224	----	696
16741	2928	2976	221	211	1488	1536	840
16742	3024	2688	298	336	1392	1344	816
16745	2976	2928	192	202	1440	1416	816
16746	2880	2880	182	182	1296	1296	720
16747	2928	3072	202	230	1512	1416	816
16749	3024	3024	182	163	1488	1416	840
16750	2928	2880	269	250	1368	1368	792
16753	2880	2880	163	173	1392	1440	792
MEAN	2991	2985	218	220	1403	1398	802
SD	135.4	154.0	39.0	45.5	97.2	102.4	50.3

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16800	2832	2688	192	202	1296	1320	720
16801	2688	2784	192	202	1440	1464	720
16802	2880	2832	211	211	1416	1464	816
16803	2640	2688	230	240	1560	1536	864
16805	2928	2832	230	230	----	1464	816
16806	3120	3168	211	221	1464	1512	840
16807	2832	2880	211	202	1368	1416	768
16808	2784	2736	259	269	1440	1464	840
16810	2880	2880	192	182	1464	1464	792
16811	2736	2784	230	211	1320	1416	792
16814	2832	2832	240	211	1440	1440	864
16815	2640	2640	211	221	1416	1488	816
16817	2688	2592	154	154	1368	1368	744
16818	2544	2640	182	182	1344	1368	768
16820	2784	2688	250	250	1416	1344	816
16822	2832	2880	269	288	1392	1488	792
MEAN	2790	2784	217	217	1410	1438	798
SD	136.8	139.1	30.4	33.4	65.7	61.6	45.1

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	768	600	624	456	456	4656	163	163
16732	720	576	552	456	480	4896	211	221
16734	936	696	672	456	480	4800	144	144
16735	744	648	600	480	504	4464	202	202
16736	840	576	576	408	408	4320	202	202
16737	720	624	648	480	552	4752	230	221
16738	816	576	648	504	528	4896	211	211
16740	672	528	---	384	360	4704	154	144
16741	912	600	648	456	504	4752	221	230
16742	792	576	600	480	480	4128	202	192
16745	792	600	648	456	480	4656	182	182
16746	720	576	576	408	384	4560	154	154
16747	792	696	672	576	600	5088	202	202
16749	768	576	600	504	600	4608	192	173
16750	768	552	552	480	480	5136	221	230
16753	744	552	576	432	432	4656	192	211
MEAN	782	597	613	464	483	4692	193	193
SD	69.5	47.9	41.4	45.3	67.8	257.3	26.3	29.4

Maternal Dosage Group IV (1.0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16800	768	528	528	408	432	4992	202	202
16801	840	600	600	456	432	5184	269	269
16802	840	576	600	480	456	4944	230	230
16803	864	624	624	504	480	4752	221	221
16805	840	648	648	504	480	5328	202	182
16806	840	600	624	456	480	5136	250	250
16807	816	600	600	384	456	4944	240	250
16808	864	624	600	456	456	5088	269	269
16810	840	576	600	432	408	5088	240	250
16811	816	576	600	456	456	5040	250	278
16814	840	576	600	480	480	4800	240	250
16815	864	576	576	432	480	4992	182	173
16817	768	576	552	408	408	4848	202	202
16818	792	528	576	456	456	4992	173	182
16820	744	576	504	456	408	5088	278	240
16822	840	600	576	480	504	5232	173	163
MEAN	824	586	588	453	454	5028	226	226
SD	36.9	31.6	36.1	33.8	29.7	154.3	34.2	37.1

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16731	1.700	14.5	7.0	1968	1824	1944	1800
16732	1.800	14.6	6.6	1800	1728	1800	1728
16734	1.750	14.2	7.3	2112	1944	1968	2040
16735	1.750	14.4	7.0	1920	1920	1920	1872
16736	1.650	14.0	6.7	1896	1800	1848	1776
16737	1.700	14.0	7.1	1848	1824	1944	1872
16738	1.800	14.3	7.1	1896	1752	1872	1776
16740	1.700	14.1	6.8	1824	1992	1704	1920
16741	1.600	13.7	7.0	1824	1872	1800	1824
16742	1.600	13.6	7.1	1752	1656	1704	1608
16745	1.700	13.9	6.3	1872	1824	1824	1800
16746	1.600	13.6	6.3	1968	1992	1848	1944
16747	1.800	14.0	7.2	1872	1848	1944	1896
16749	1.800	14.3	6.8	1848	1872	1872	1800
16750	1.700	13.7	6.9	1728	1824	1848	1800
16753	1.600	13.6	7.1	1896	1896	1824	1872
MEAN	1.703	14.0	6.9	1877	1848	1854	1833
SD	0.076	0.3	0.3	91.6	91.1	79.6	97.9

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Brain Weight (g)	Ant/Post Cerebrum (mm)	Ant/Post Cerebellum (mm)	Right Frontal Cortex (μ)	Left Frontal Cortex (μ)	Right Parietal Cortex (μ)	Left Parietal Cortex (μ)
16823	1.820	14.3	7.3	1968	2064	2016	2040
16825	1.700	13.9	7.1	2112	2040	2016	1968
16826	1.800	14.4	7.1	1872	1872	1920	1848
16827	1.715	14.0	7.1	1776	1704	1800	1728
16828	1.750	14.1	7.1	1920	1872	1920	1872
16830	1.800	14.1	7.2	1920	1920	1824	1824
16831	1.800	14.2	7.4	1920	1944	1848	1920
16833	1.700	14.0	7.1	1848	1728	1848	1704
16834	1.650	13.6	6.8	1824	1776	1872	1776
16836	1.750	14.3	7.2	1920	1752	1920	1896
16837	1.650	13.7	6.9	1656	1704	1656	1752
16839	1.800	14.1	4.4	1848	1752	1920	1728
16840	1.900	14.5	7.1	1920	1896	1896	1848
16842	1.800	14.4	7.0	1848	1776	1896	1728
16843	1.600	13.6	7.0	1776	1752	1704	1728
16844	1.700	14.5	7.0	1992	1896	1896	1824
MEAN	1.746	14.1	6.9	1883	1841	1872	1824
SD	0.078	0.3	0.7	103.3	114.5	95.2	98.0

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum #1 (μ)	Lft. Corpus Callosum #1 (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16731	2832	3024	182	173	1320	1344	768
16732	3216	3216	221	240	1272	1272	792
16734	3360	3360	250	278	1608	1656	912
16735	2928	3024	182	173	1368	1368	768
16736	2976	2928	221	230	1416	1416	816
16737	3072	3072	230	211	1440	1248	840
16738	3024	2880	278	250	1416	1440	816
16740	2880	2928	221	221	1224	-	696
16741	2928	2976	221	211	1488	1536	840
16742	3024	2688	298	336	1392	1344	816
16745	2976	2928	192	202	1440	1416	816
16746	2880	2880	182	182	1296	1296	720
16747	2928	3072	202	230	1512	1416	816
16749	3024	3024	182	163	1488	1416	840
16750	2928	2880	269	250	1368	1368	792
16753	2880	2880	163	173	1392	1440	792
MEAN	2991	2985	218	220	1403	1398	803
SD	135.4	154.0	39.0	45.5	97.2	102.4	50.3

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Right Striatum (μ)	Left Striatum (μ)	Rt. Corpus Callosum (μ)	Lft. Corpus Callosum (μ)	Right Hippocamp. (μ)	Left Hippocamp. (μ)	Right Dentate (μ)
16823	3168	3072	202	202	1488	1584	888
16825	3120	3072	278	240	1344	1392	792
16826	3120	3024	----	----	1440	1440	816
16827	2880	2880	317	307	1488	1440	864
16828	3024	2928	211	221	1392	1368	792
16830	2928	2928	221	230	1512	1488	888
16831	3216	3120	----	----	1416	1344	792
16833	3168	2976	----	----	1296	1248	744
16834	3168	2976	221	317	1392	----	816
16836	3120	3072	336	346	1440	1368	816
16837	3072	3024	298	307	1440	1416	816
16839	3120	3072	259	269	1536	1608	888
16840	3216	3072	221	288	1464	1416	816
16842	2928	2880	192	202	1296	1200	768
16843	3120	2928	221	230	1320	1320	768
16844	3216	3120	173	173	1368	1368	792
MEAN	3099	3009	242	256	1415	1400	816
SD	106.6	81.7	50.7	53.1	75.1	108.3	44.7

TABLE 2

Brain Weights and Morphometry Data for F1 Generation Day 22 Postpartum Female Rats

Maternal Dosage Group I (0 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16731	768	600	624	456	456	4656	163	163
16732	720	576	552	456	480	4896	211	221
16734	936	696	672	456	480	4800	144	144
16735	744	648	600	480	504	4464	202	202
16736	840	576	576	408	408	4320	202	202
16737	720	624	648	480	552	4752	230	221
16738	816	576	648	504	528	4896	211	211
16740	672	528	----	384	360	4704	154	144
16741	912	600	648	456	504	4752	221	230
16742	792	576	600	480	480	4128	202	192
16745	792	600	648	456	480	4656	182	182
16746	720	576	576	408	384	4560	154	154
16747	792	696	672	576	600	5088	202	202
16749	768	576	600	504	600	4608	192	173
16750	768	552	552	480	480	5136	221	230
16753	744	552	576	432	432	4656	192	211
MEAN	782	597	613	464	483	4692	193	193
SD	69.5	47.9	41.4	45.3	67.8	257.3	26.3	29.4

Maternal Dosage Group V (30 mg/kg/day)

Rat Number	Left Dentate (μ)	Right CA1 (μ)	Left CA1 (μ)	Right CA3 (μ)	Left CA3 (μ)	Cerebellum (μ)	Corpus Callosa #2 (μ)	
							Right	Left
16823	912	576	624	432	432	4560	259	250
16825	816	624	600	504	480	4944	192	221
16826	816	600	600	480	456	4560	211	192
16827	840	576	600	480	504	4704	221	221
16828	792	600	576	432	456	4656	202	202
16830	840	624	672	456	480	4944	182	202
16831	792	624	600	480	528	4992	192	192
16833	744	552	576	432	504	4464	173	182
16834	----	600	----	456	----	4992	192	202
16836	792	600	600	480	504	4608	221	211
16837	792	600	600	480	648	4608	211	211
16839	936	648	648	528	528	4704	221	230
16840	816	600	552	480	528	5088	269	259
16842	720	576	480	432	528	4704	202	211
16843	768	504	600	384	432	4656	182	192
16844	792	528	552	432	456	4752	202	202
MEAN	811	590	592	461	498	4746	208	211
SD	56.1	37.1	44.1	35.3	54.0	187.0	26.2	21.0